

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
 Data File : BP005291.D
 Acq On : 13 Apr 2021 17:26
 Operator : CG/JU
 Sample : M1998-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-5B

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Filtering: 5

Sampling : 1

Min Area: 3 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP005291.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.281	367	373	380	rVB	1336581	1891674	36.46%	6.468%
2	6.828	630	636	637	rBV3	59819	89249	1.72%	0.305%
3	6.905	637	649	660	rVB2	2054007	5187772	100.00%	17.737%
4	7.299	711	716	727	rVB	69739	123351	2.38%	0.422%
5	7.452	737	742	749	rBV	79240	133283	2.57%	0.456%
6	7.675	769	780	786	rBV2	278149	500159	9.64%	1.710%
7	7.740	786	791	797	rVB	157144	231821	4.47%	0.793%
8	8.205	864	870	876	rBV4	40622	88512	1.71%	0.303%
9	8.334	888	892	900	rVB4	31501	59443	1.15%	0.203%
10	8.769	955	966	971	rBV5	33093	78547	1.51%	0.269%
11	8.840	971	978	984	rBV	818479	1323201	25.51%	4.524%
12	9.016	1004	1008	1015	rVB6	29823	65976	1.27%	0.226%
13	9.234	1039	1045	1051	rVB7	28484	62512	1.20%	0.214%
14	9.375	1063	1069	1075	rVB6	27360	60183	1.16%	0.206%
15	9.640	1108	1114	1122	rVV6	33112	63393	1.22%	0.217%
16	10.252	1211	1218	1226	rBV	165694	376123	7.25%	1.286%
17	10.463	1243	1254	1260	rBV	344192	674047	12.99%	2.305%
18	10.622	1277	1281	1287	rVV	91626	154362	2.98%	0.528%
19	10.681	1288	1291	1299	rVV6	28678	65634	1.27%	0.224%
20	10.946	1331	1336	1341	rVB3	54277	83843	1.62%	0.287%
21	11.134	1362	1368	1370	rBV5	31041	66425	1.28%	0.227%
22	11.299	1390	1396	1402	rBV7	36005	82221	1.58%	0.281%
23	11.375	1405	1409	1417	rVB8	42740	98766	1.90%	0.338%
24	11.487	1423	1428	1437	rBV2	133320	277434	5.35%	0.949%
25	11.746	1465	1472	1477	rBV5	57139	104712	2.02%	0.358%
26	11.893	1492	1497	1507	rBV3	82755	143873	2.77%	0.492%
27	11.981	1507	1512	1518	rBV	200415	328739	6.34%	1.124%
28	12.222	1545	1553	1557	rBV6	61444	144254	2.78%	0.493%
29	12.534	1601	1606	1610	rBV3	53000	85624	1.65%	0.293%
30	12.599	1611	1617	1623	rVB7	28838	71397	1.38%	0.244%
31	12.722	1634	1638	1641	rBV4	39892	70024	1.35%	0.239%
32	12.810	1649	1653	1657	rBV4	44797	75485	1.46%	0.258%
33	12.863	1657	1662	1667	rVV	190343	275979	5.32%	0.944%
34	12.951	1667	1677	1685	rVB	1646191	2358530	45.46%	8.064%
35	13.099	1699	1702	1705	rBV2	59073	83559	1.61%	0.286%
36	13.134	1705	1708	1709	rVV2	57084	69125	1.33%	0.236%

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Sampling : 1

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Peak Location: TOP

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M

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37	13.157	1709	1712	1718	rVB3	77457	133786	2.58%	0.457%
38	13.246	1724	1727	1736	rVB6	31902	56130	1.08%	0.192%
39	13.387	1749	1751	1761	rVB9	36434	67815	1.31%	0.232%
40	13.746	1807	1812	1816	rVB4	201528	277214	5.34%	0.948%
41	13.816	1817	1824	1828	rVV2	290502	443640	8.55%	1.517%
42	13.863	1828	1832	1841	rVB4	92160	174555	3.36%	0.597%
43	13.940	1842	1845	1848	rVB3	43939	55479	1.07%	0.190%
44	13.981	1849	1852	1857	rVB6	34141	57078	1.10%	0.195%
45	14.063	1863	1866	1870	rBV6	50859	100779	1.94%	0.345%
46	14.157	1878	1882	1890	rVB4	172081	285651	5.51%	0.977%
47	14.240	1890	1896	1901	rBV	154022	248592	4.79%	0.850%
48	14.298	1902	1906	1908	rVV3	93726	156119	3.01%	0.534%
49	14.340	1908	1913	1920	rVB	516517	802892	15.48%	2.745%
50	14.740	1978	1981	1986	rVB4	89796	119091	2.30%	0.407%
51	14.863	1998	2002	2008	rVB2	140845	204606	3.94%	0.700%
52	15.051	2031	2034	2041	rBV8	50422	105694	2.04%	0.361%
53	15.128	2043	2047	2051	rVB3	96626	143707	2.77%	0.491%
54	15.198	2056	2059	2063	rVB	112596	130830	2.52%	0.447%
55	15.604	2124	2128	2133	rVB	282026	393892	7.59%	1.347%
56	15.757	2151	2154	2159	rBV5	64052	114941	2.22%	0.393%
57	15.840	2161	2168	2175	rVV3	577480	969407	18.69%	3.314%
58	16.087	2202	2210	2215	rBV2	694968	1310361	25.26%	4.480%
59	16.187	2223	2227	2233	rBV3	155631	267928	5.16%	0.916%
60	16.245	2233	2237	2243	rVV3	127111	213089	4.11%	0.729%
61	16.304	2244	2247	2250	rBV2	101156	136486	2.63%	0.467%
62	16.575	2289	2293	2296	rBV	116375	158516	3.06%	0.542%
63	16.863	2339	2342	2346	rBV	131695	175765	3.39%	0.601%
64	16.916	2347	2351	2361	rVB	413163	648578	12.50%	2.217%
65	17.104	2378	2383	2387	rBV	609660	882290	17.01%	3.017%
66	17.198	2396	2399	2403	rVB	178340	203040	3.91%	0.694%
67	17.604	2466	2468	2474	rVB2	120628	134632	2.60%	0.460%
68	18.286	2581	2584	2588	rBV2	108232	120038	2.31%	0.410%
69	19.181	2734	2736	2740	rVB3	122701	133532	2.57%	0.457%
70	19.681	2817	2821	2826	rVB	2103213	2410446	46.46%	8.241%
71	21.116	3062	3065	3072	rVB	609242	658010	12.68%	2.250%
72	21.204	3077	3080	3084	rVB	497749	602180	11.61%	2.059%
73	23.480	3463	3467	3473	rVB	290330	502576	9.69%	1.718%

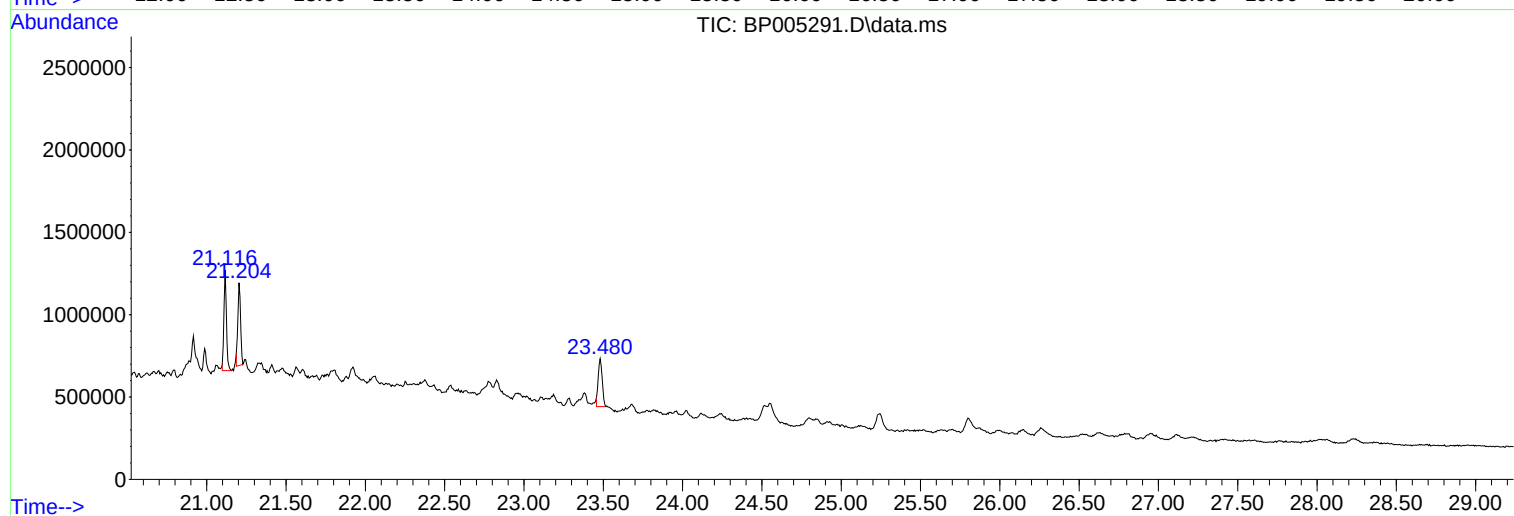
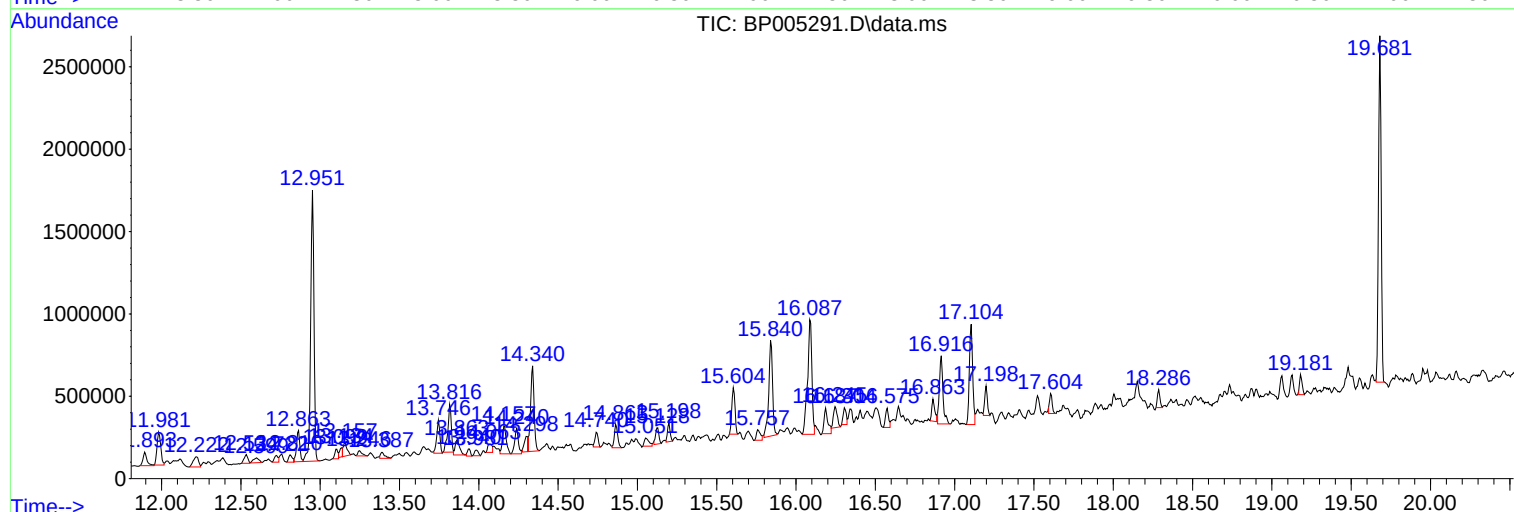
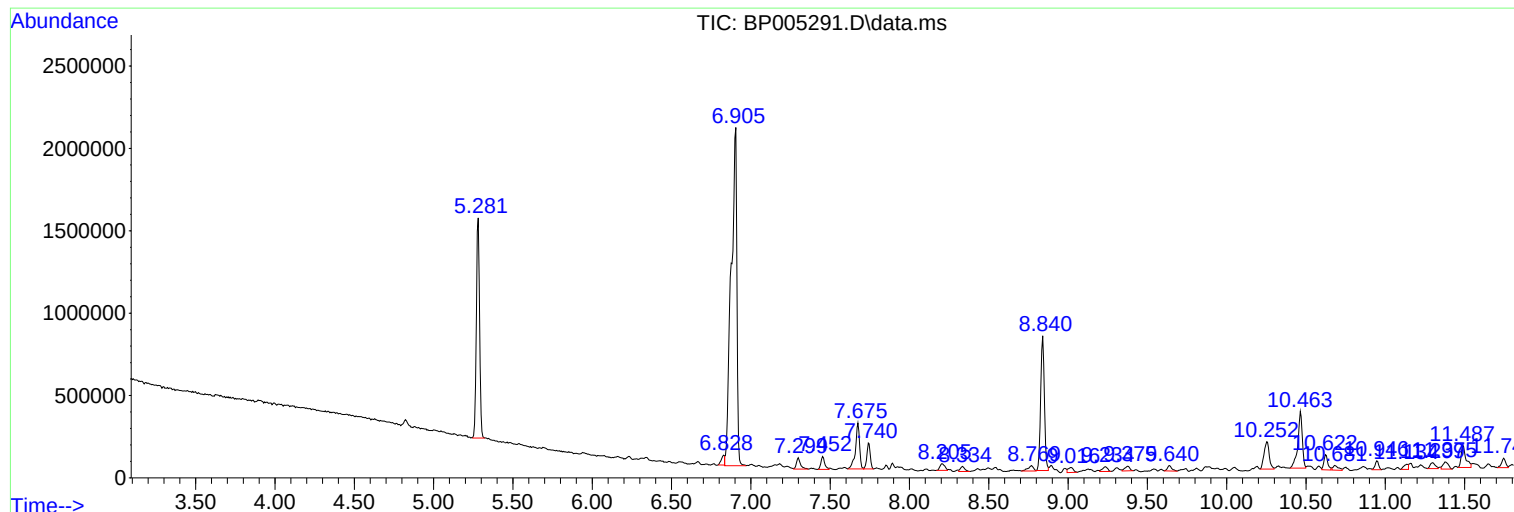
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Instrument :
BNA_P
ClientSampled :
SB-5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Data File : BP005291.D
Acq On : 13 Apr 2021 17:26
Operator : CG/JU
Sample : M1998-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-5B

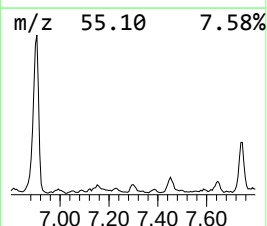
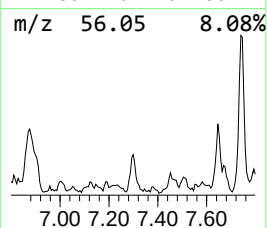
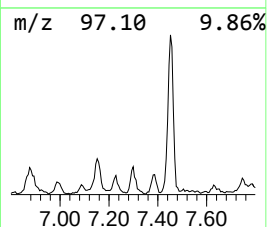
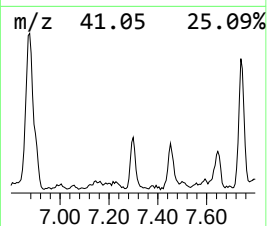
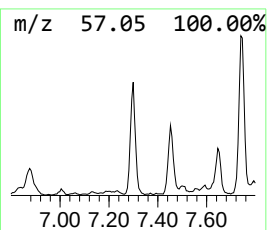
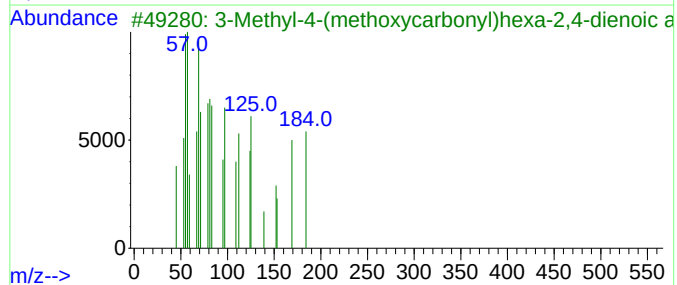
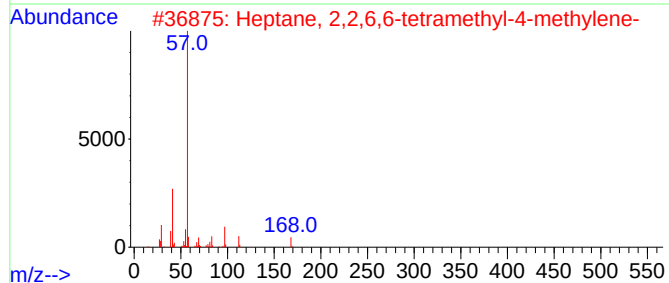
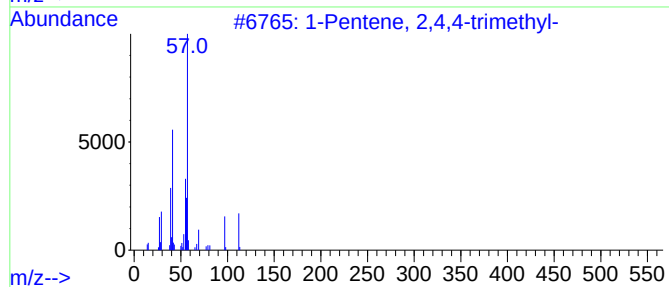
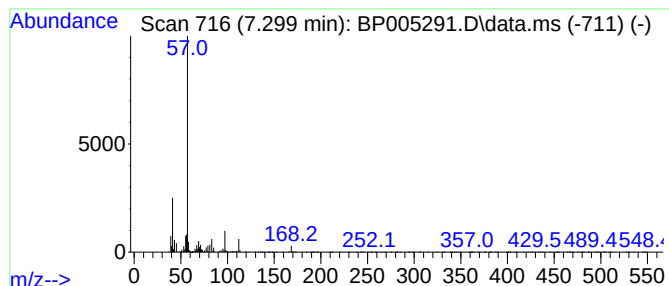
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 1-Pentene, 2,4,4-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.299	4.93 ng	123351	1,4-Dichlorobenzene-d4	7.675

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	53
2			Heptane, 2,2,6,6-tetramethyl-4-m...	168	C12H24	000141-70-8	52
3			3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	50
4			2-Hexene, 5,5-dimethyl-, (Z)-	112	C8H16	039761-61-0	49
5			Prop-2-yn-1-yl 2-methylbutanoate	140	C8H12O2	1000372-70-8	40



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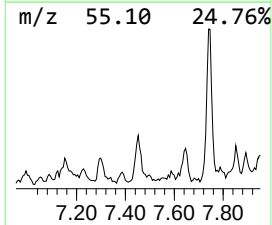
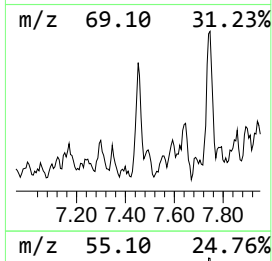
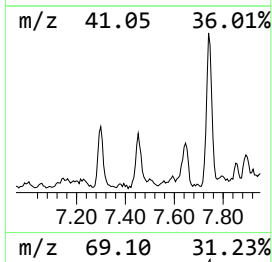
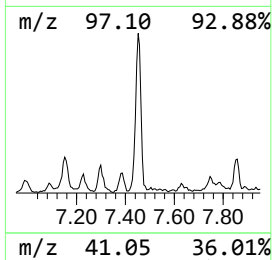
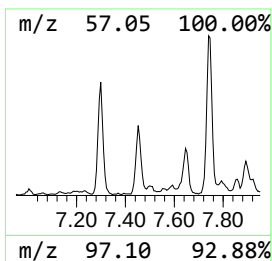
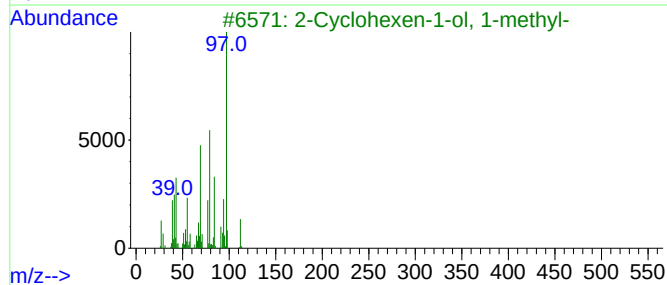
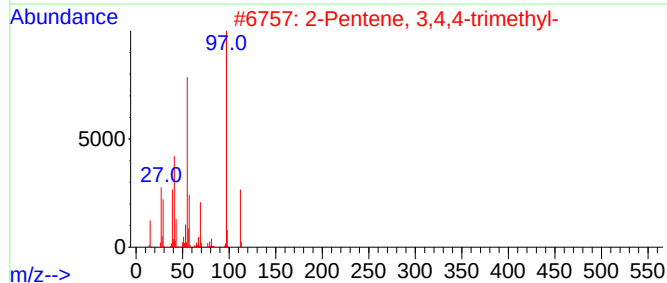
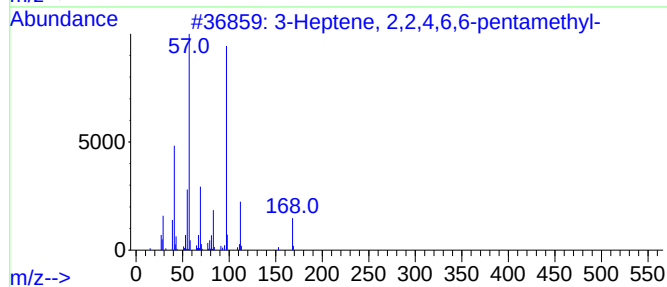
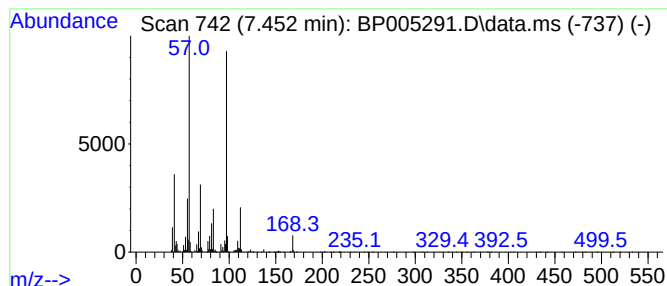
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 3-Heptene, 2,2,4,6,6-pentam... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.452	5.33 ng	133283	1,4-Dichlorobenzene-d4	7.675

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Heptene, 2,2,4,6,6-pentamethyl-	168	C12H24	000123-48-8	83
2			2-Pentene, 3,4,4-trimethyl-	112	C8H16	000598-96-9	53
3			2-Cyclohexen-1-ol, 1-methyl-	112	C7H12O	023758-27-2	52
4			Z-3,4,4-Trimethyl-2-pentene	112	C8H16	039761-64-3	50
5			Sulfurous acid, cyclohexylmethyl...	206	C9H18O3S	1000309-21-2	50



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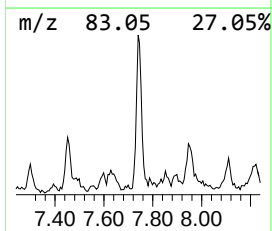
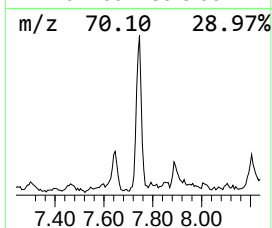
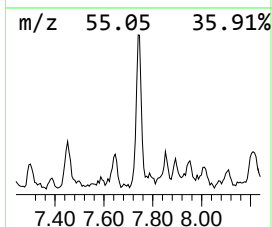
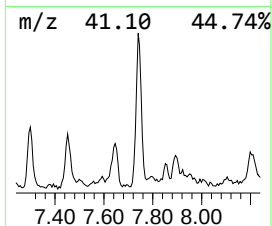
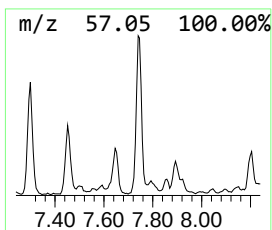
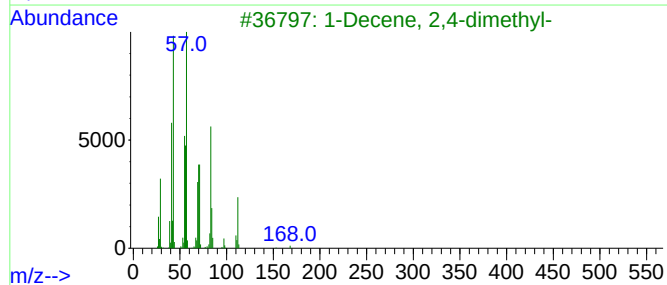
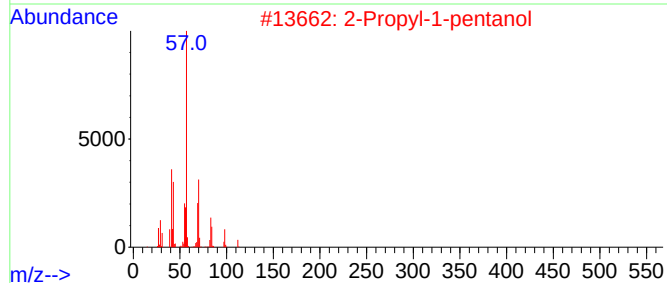
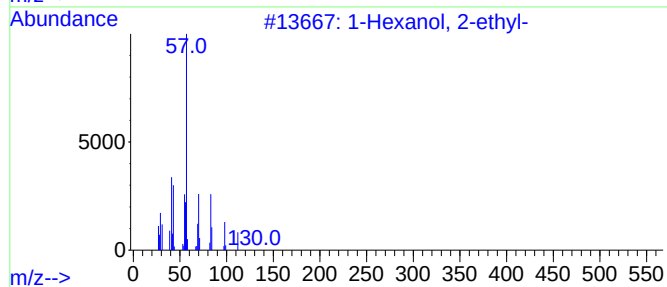
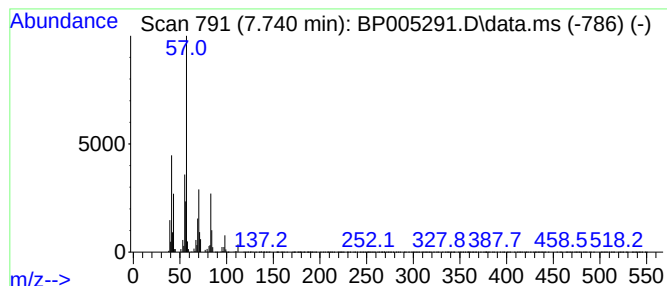
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.740	9.27 ng	231821	1,4-Dichlorobenzene-d4	7.675

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2			2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59
3			1-Decene, 2,4-dimethyl-	168	C12H24	055170-80-4	47
4			2-Ethyl-1-hexanol, pentafluoropr...	276	C11H17F5O2	1000365-51-1	47
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	45



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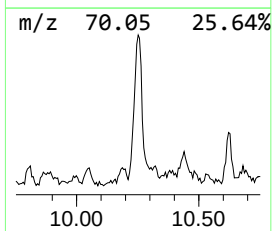
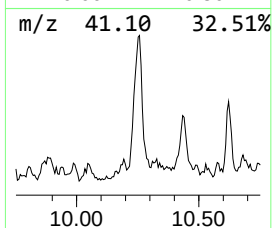
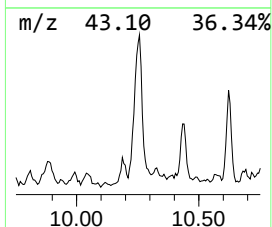
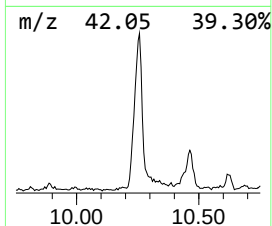
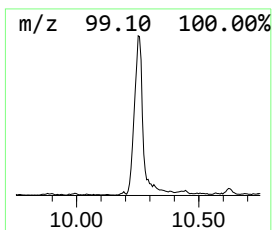
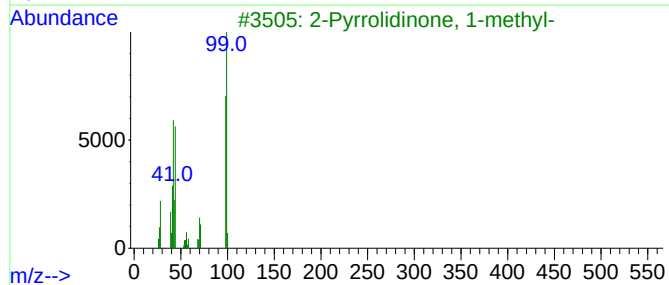
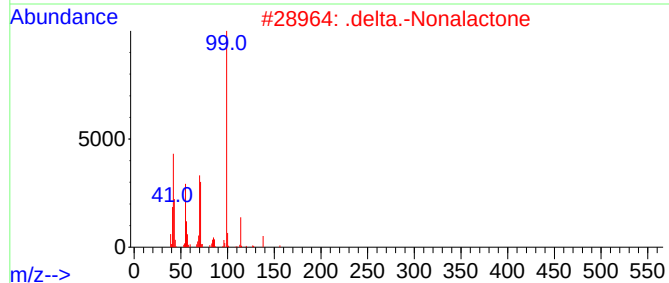
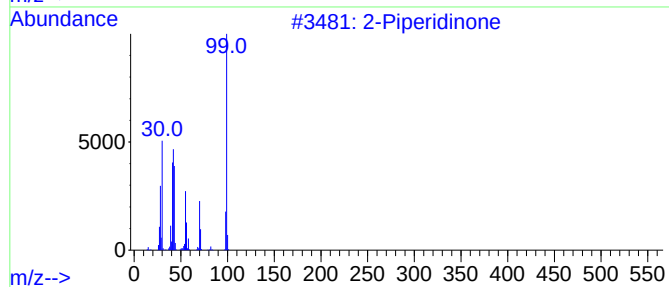
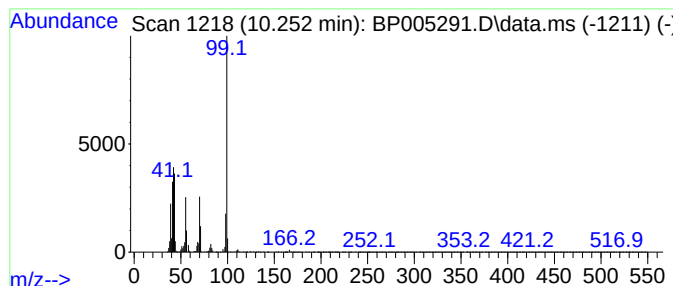
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Piperidinone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.252	11.16 ng	376123	Naphthalene-d8	10.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Piperidinone	99	C5H9NO	000675-20-7	86
2			.delta.-Nonalactone	156	C9H16O2	003301-94-8	56
3			2-Pyrrolidinone, 1-methyl-	99	C5H9NO	000872-50-4	50
4			Cyclopropane, isothiocyanato-	99	C4H5NS	056601-42-4	49
5			Isothiazole, 3-methyl-	99	C4H5NS	000693-92-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005291.D
Acq On : 13 Apr 2021 17:26
Operator : CG/JU
Sample : M1998-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

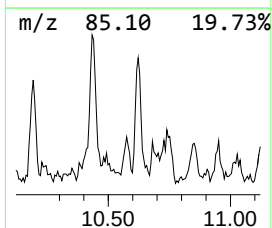
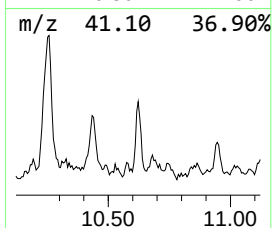
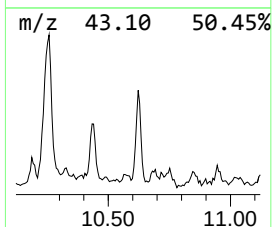
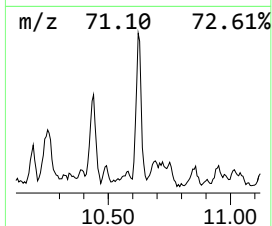
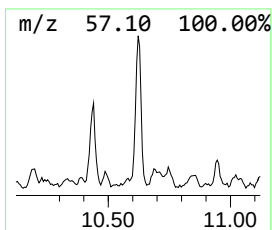
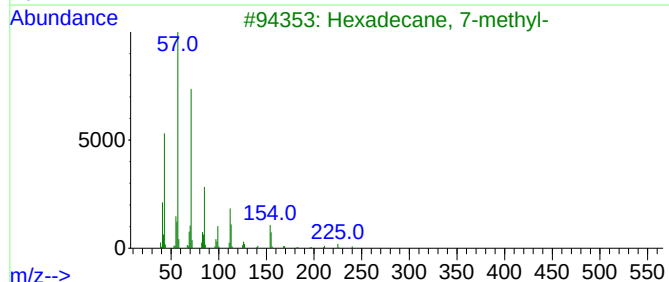
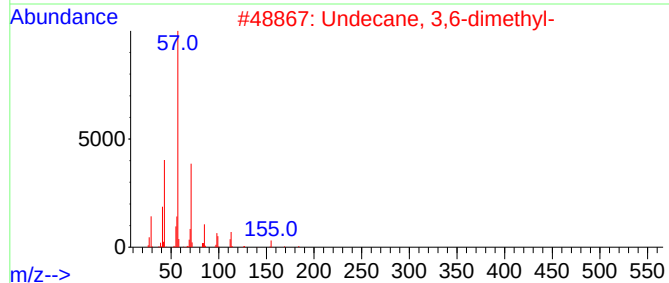
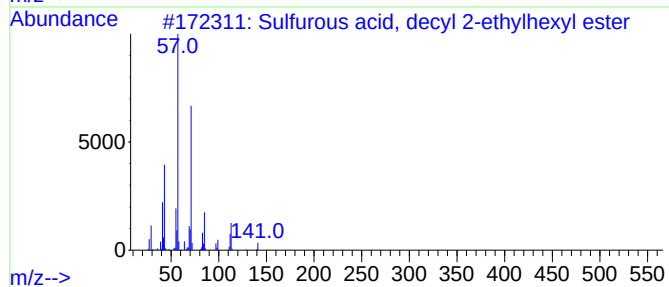
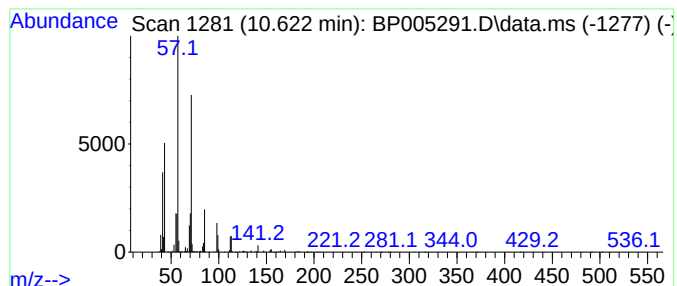
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Sulfurous acid, decyl 2-eth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.622	4.58 ng	154362	Naphthalene-d8	10.463	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	86
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	86
3	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	72
4	Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005291.D
Acq On : 13 Apr 2021 17:26
Operator : CG/JU
Sample : M1998-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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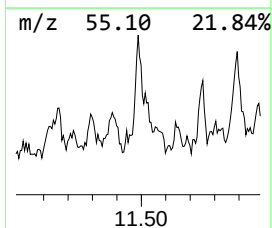
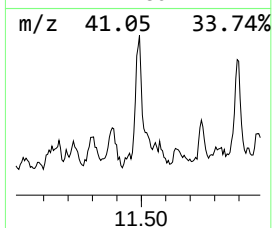
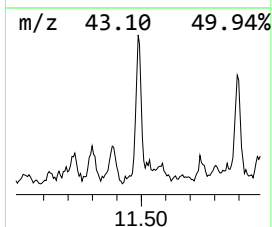
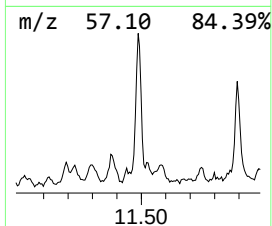
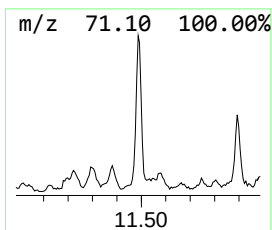
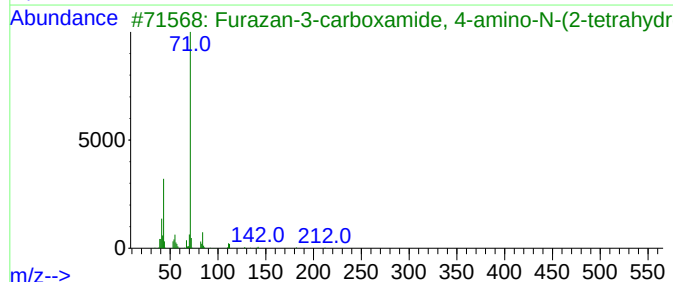
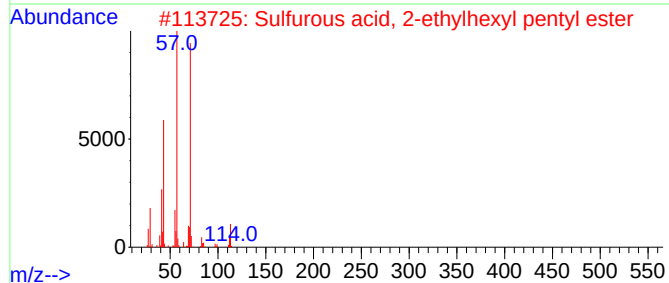
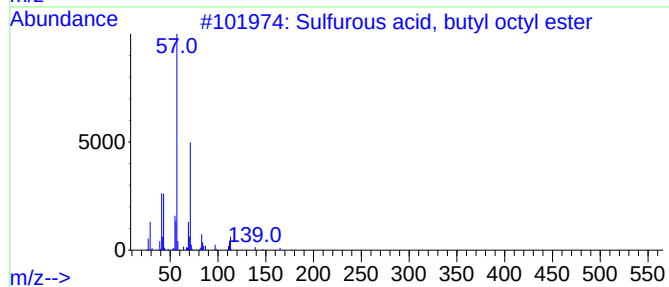
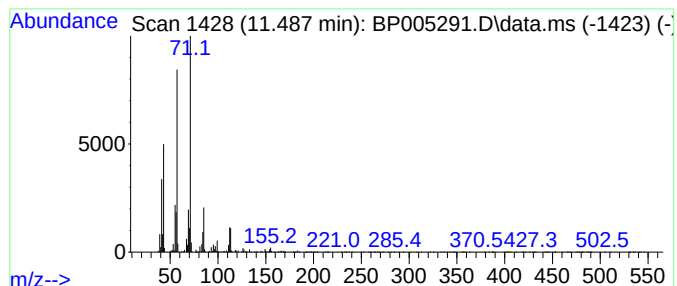
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Sulfurous acid, butyl octyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.487	8.23 ng	277434	Naphthalene-d8	10.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	72
2			Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	59
3			Furazan-3-carboxamide, 4-amino-N...	212	C8H12N4O3	309735-27-1	50
4			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	50
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005291.D
Acq On : 13 Apr 2021 17:26
Operator : CG/JU
Sample : M1998-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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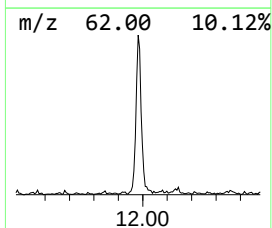
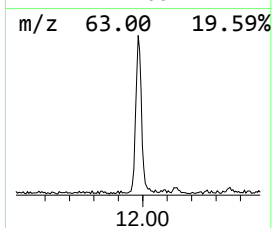
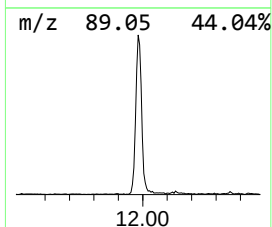
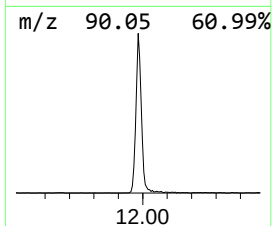
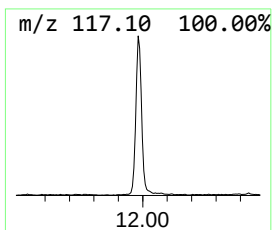
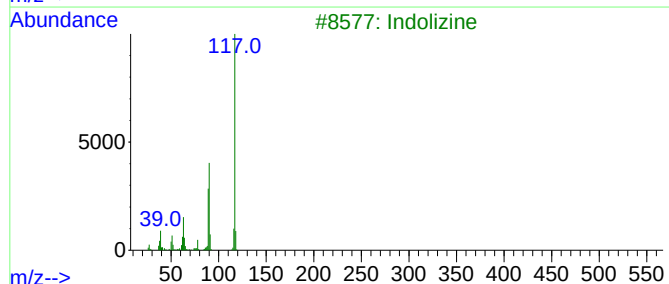
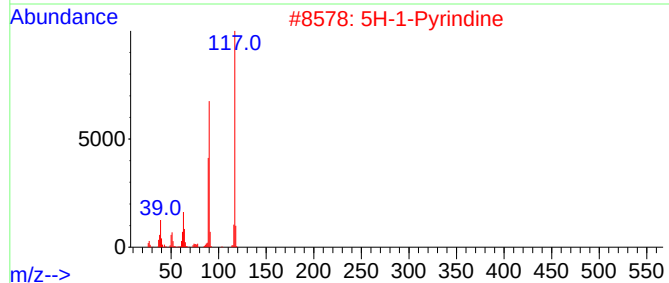
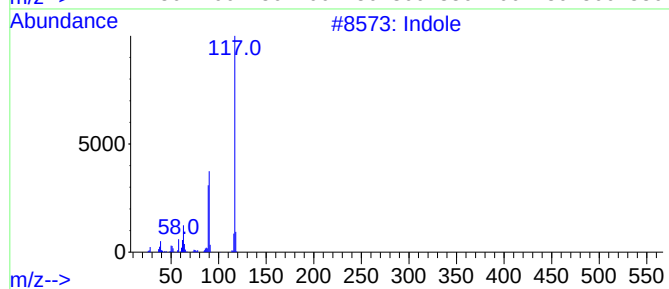
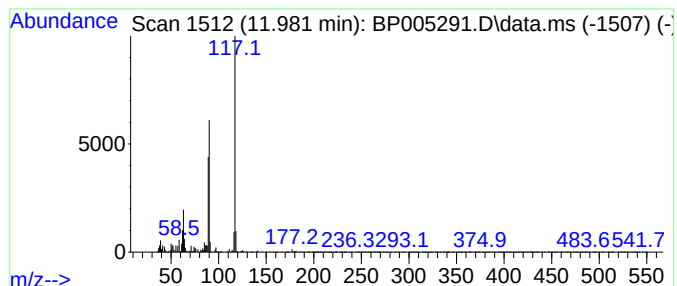
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Indole Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.981	9.75 ng	328739	Naphthalene-d8	10.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Indole	117	C8H7N	000120-72-9	95
2			5H-1-Pyridine	117	C8H7N	000270-91-7	91
3			Indolizine	117	C8H7N	000274-40-8	91
4			Benzene, 1-isocyano-2-methyl-	117	C8H7N	010468-64-1	90
5			Benzyl nitrile	117	C8H7N	000140-29-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005291.D
Acq On : 13 Apr 2021 17:26
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Misc :
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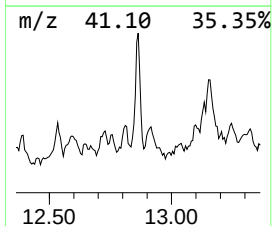
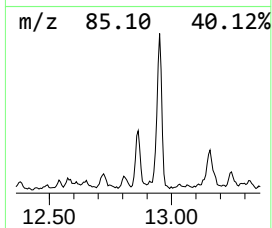
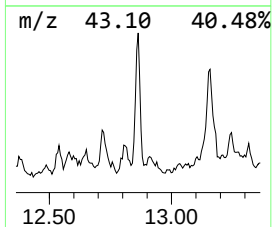
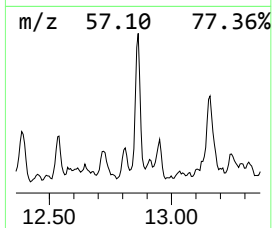
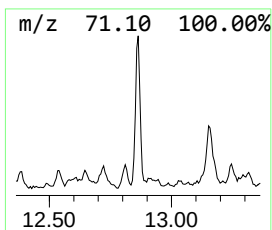
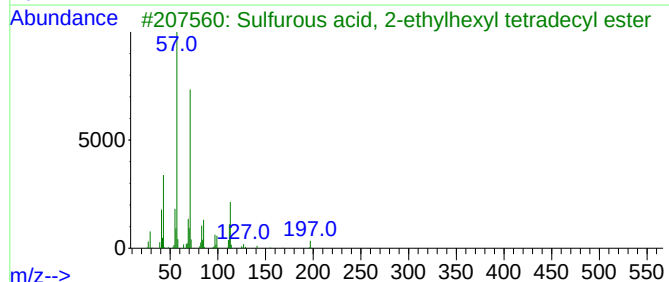
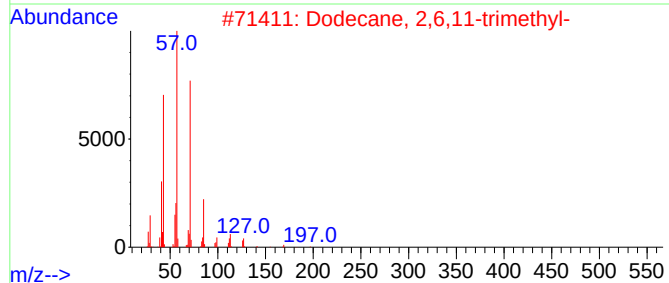
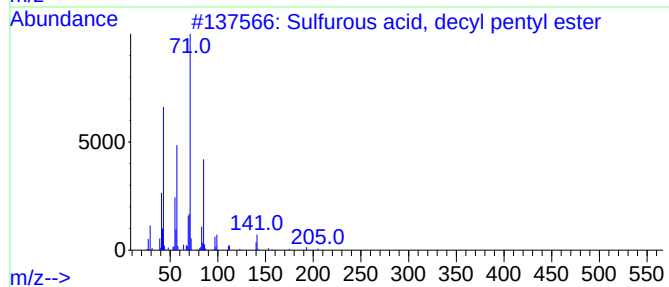
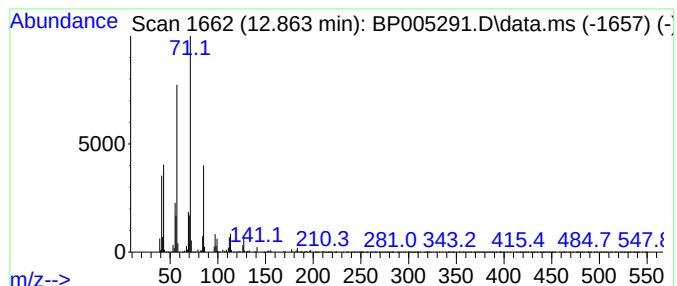
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Sulfurous acid, decyl penty... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.863	6.87 ng	275979	Acenaphthene-d10	14.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, decyl pentyl ester	292	C15H32O3S	1000309-14-3	78
2			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
3			Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	64
4			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	58
5			Tetracosane	338	C24H50	000646-31-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005291.D
Acq On : 13 Apr 2021 17:26
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Sample : M1998-11
Misc :
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Instrument :
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ClientSampleId :
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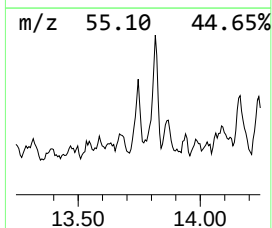
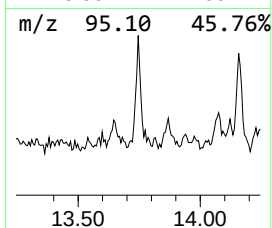
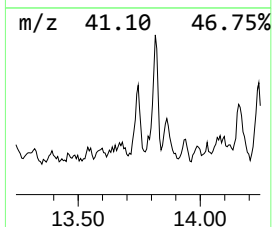
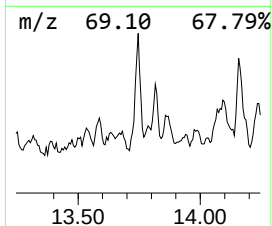
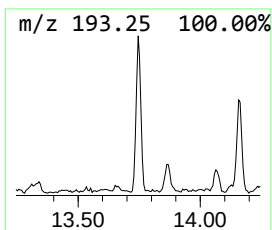
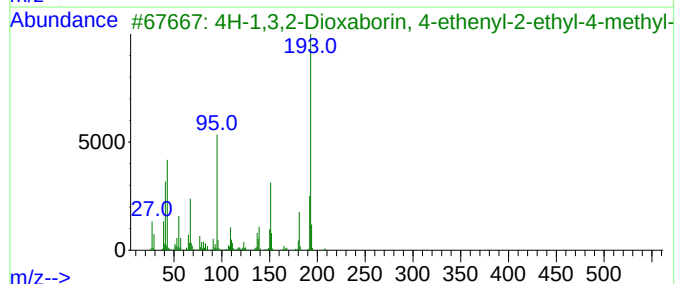
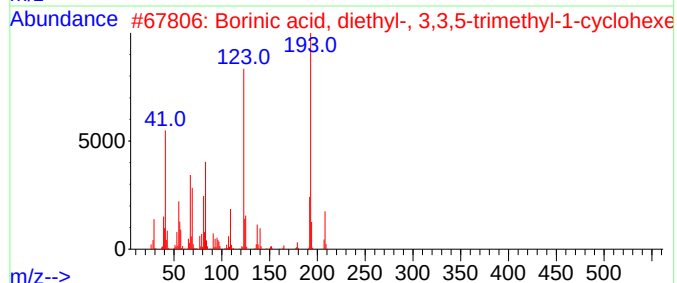
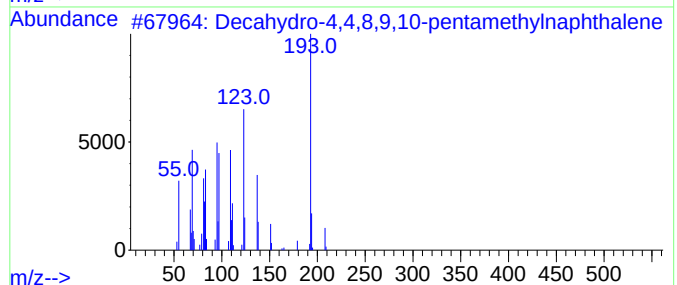
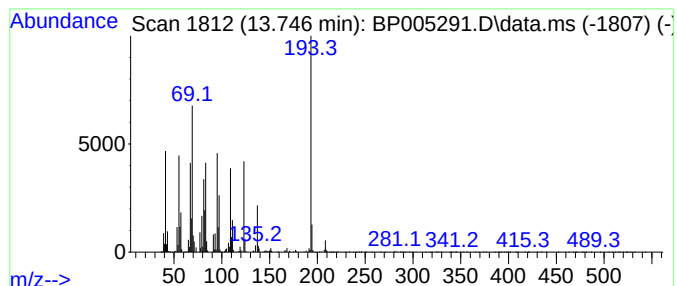
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown13.746 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.746	6.91 ng	277214	Acenaphthene-d10	14.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	46
2			Borinic acid, diethyl-, 3,3,5-tr...	208	C13H25BO	057387-76-5	37
3			4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21BO2	074630-04-9	32
4			2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	25
5			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
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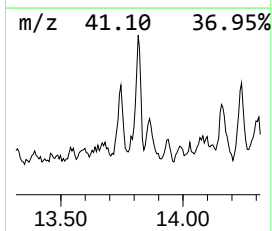
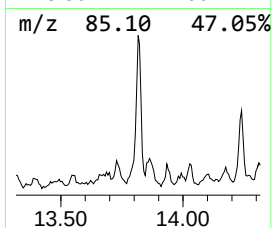
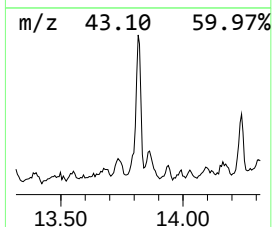
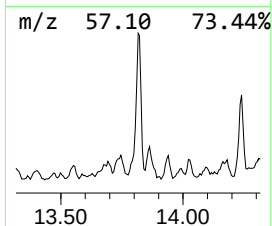
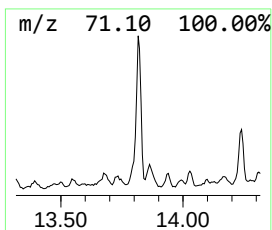
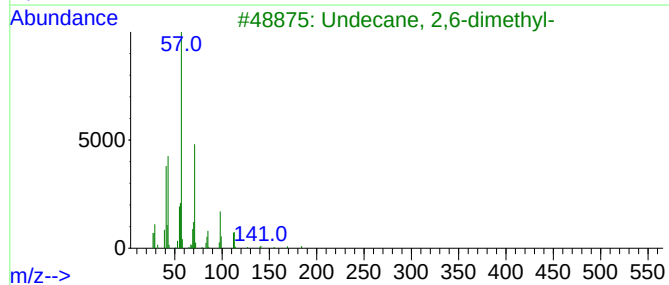
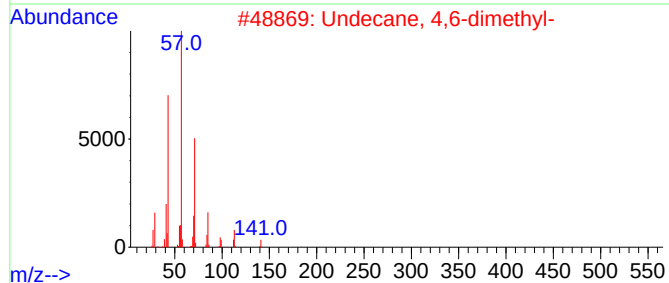
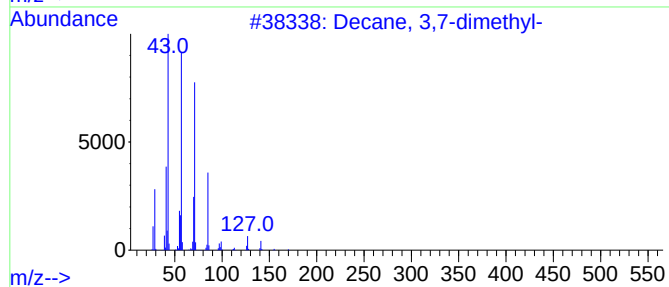
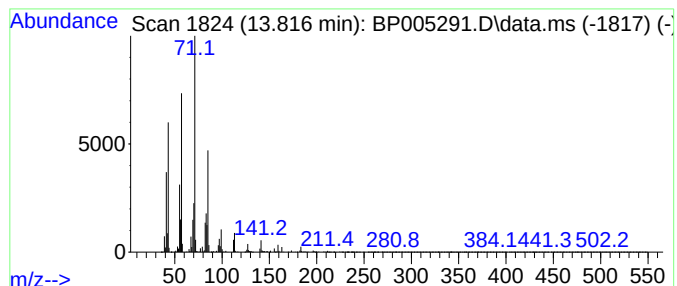
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Decane, 3,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.816	11.05 ng	443640	Acenaphthene-d10		14.340	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-		170	C12H26	017312-54-8	83
2	Undecane, 4,6-dimethyl-		184	C13H28	017312-82-2	76
3	Undecane, 2,6-dimethyl-		184	C13H28	017301-23-4	72
4	Dodecane, 4-methyl-		184	C13H28	006117-97-1	72
5	Tridecane		184	C13H28	000629-50-5	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005291.D
Acq On : 13 Apr 2021 17:26
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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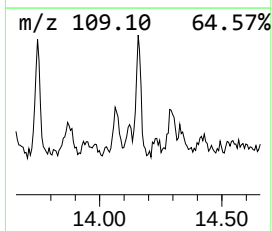
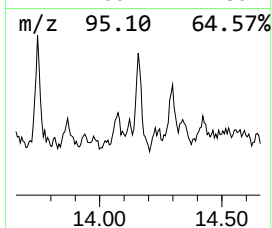
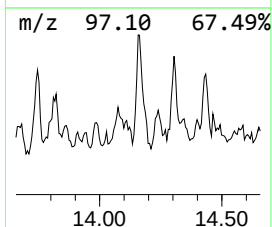
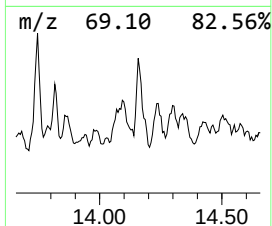
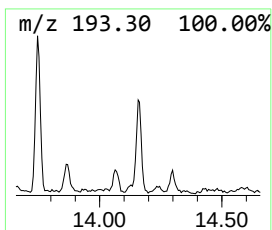
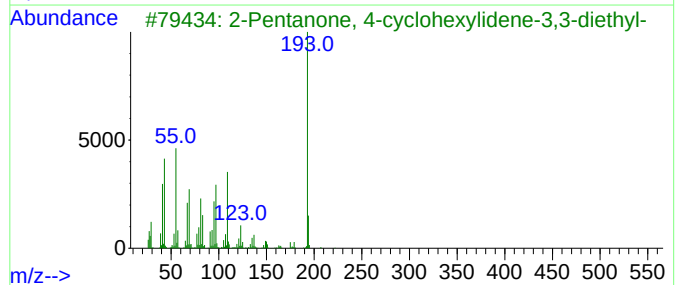
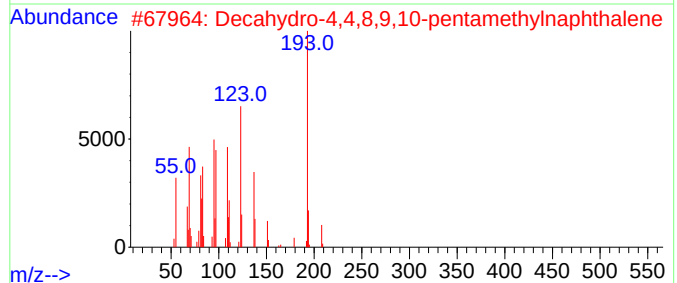
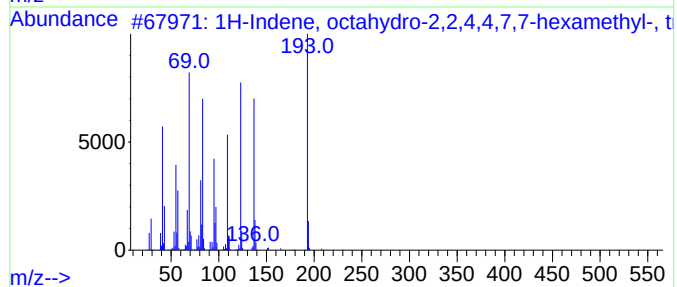
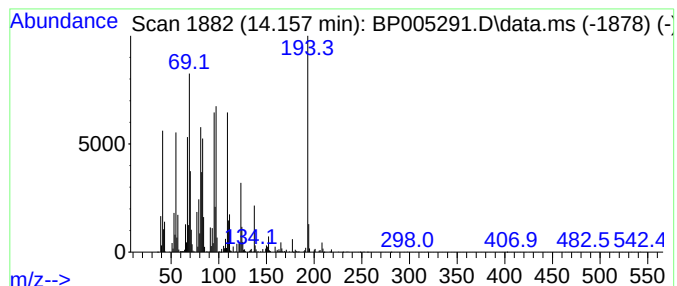
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown14.157 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.157	7.12 ng	285651	Acenaphthene-d10	14.340

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	42
2			Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	16
3			2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	16
4			6-Acetamido-1,4-benzodioxane	193	C10H11NO3	063546-19-0	12
5			Silane, chlorodiethylhexyloxy-	222	C10H23ClOSi	1000363-74-4	12



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
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Acq On : 13 Apr 2021 17:26
Operator : CG/JU
Sample : M1998-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

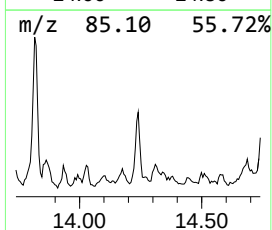
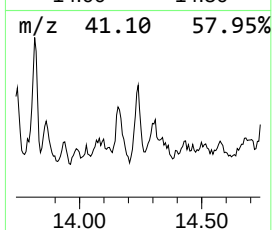
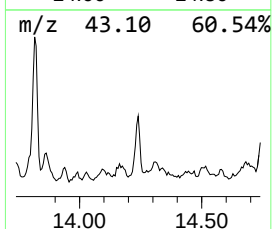
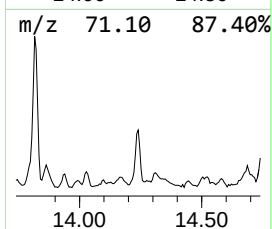
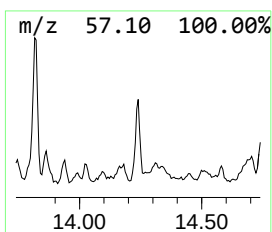
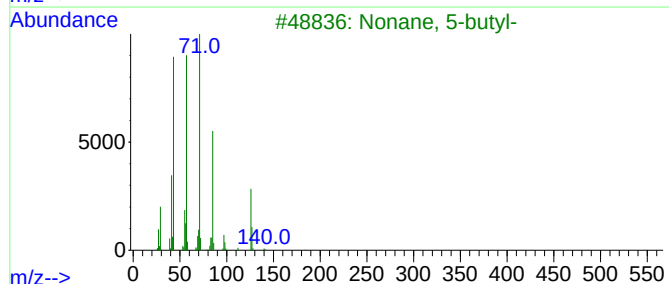
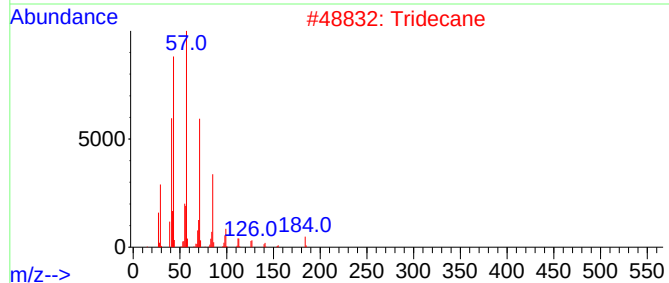
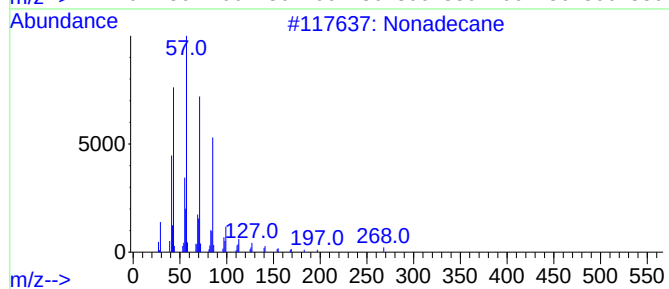
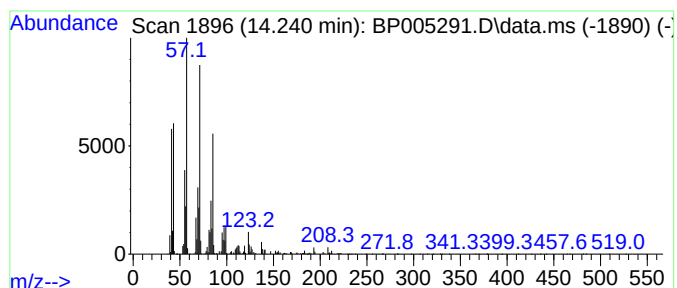
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.240	6.19 ng	248592	Acenaphthene-d10	14.340	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	80
2	Tridecane	184	C13H28	000629-50-5	76
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	58
4	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	50
5	1-Decene, 4-methyl-	154	C11H22	013151-29-6	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005291.D
Acq On : 13 Apr 2021 17:26
Operator : CG/JU
Sample : M1998-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

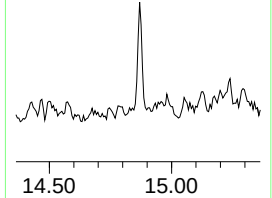
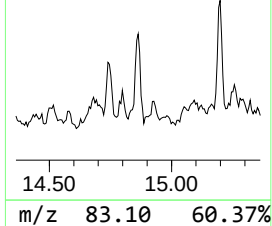
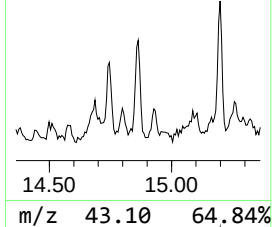
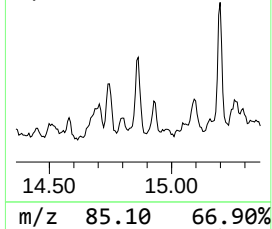
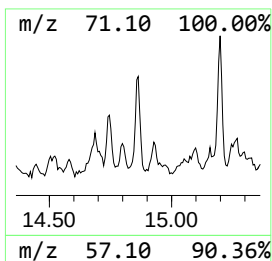
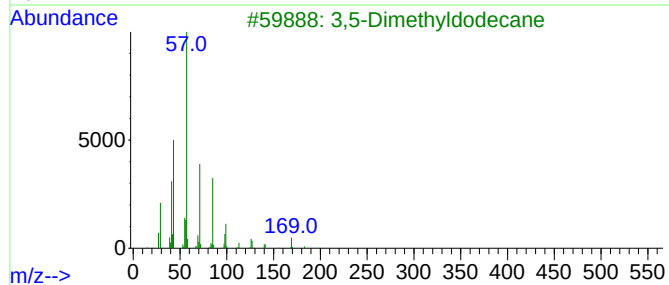
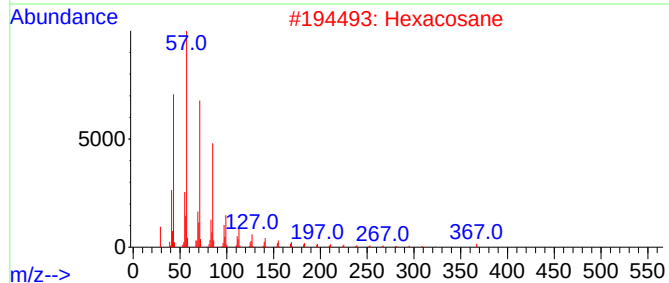
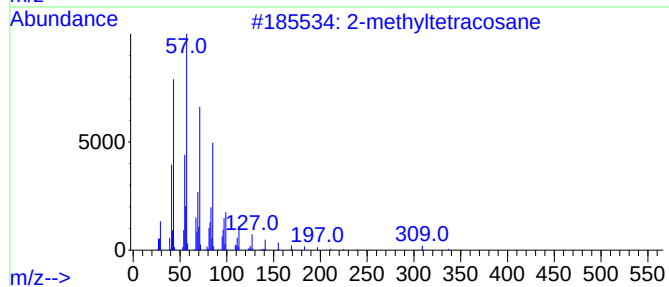
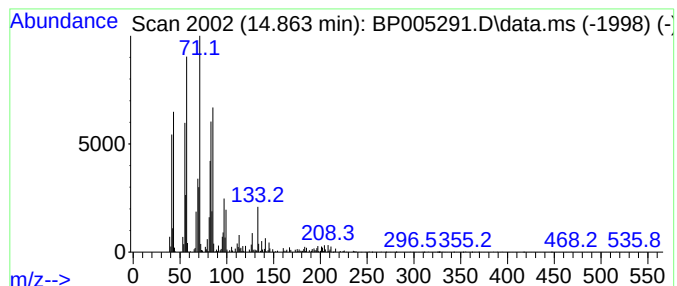
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 2-methyltetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
14.863	5.10 ng	204606	Acenaphthene-d10		14.340	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-methyltetracosane		352	C25H52	1000376-72-6	50
2	Hexacosane		366	C26H54	000630-01-3	47
3	3,5-Dimethyldodecane		198	C14H30	107770-99-0	45
4	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	43
5	2-Bromo dodecane		248	C12H25Br	013187-99-0	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
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Sample : M1998-11
Misc :
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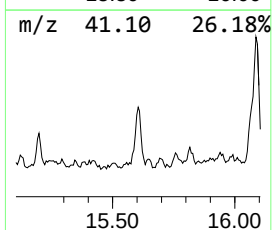
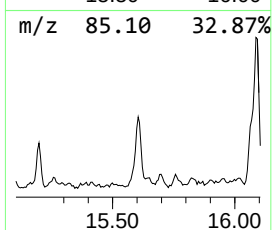
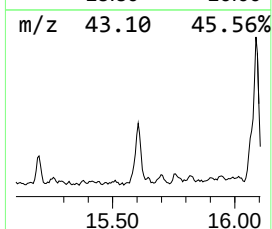
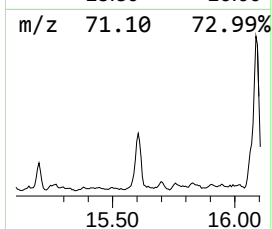
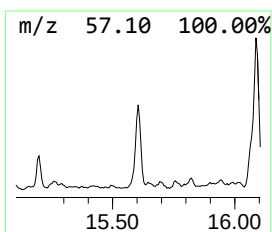
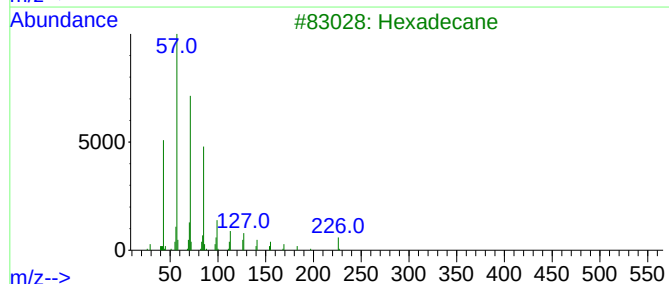
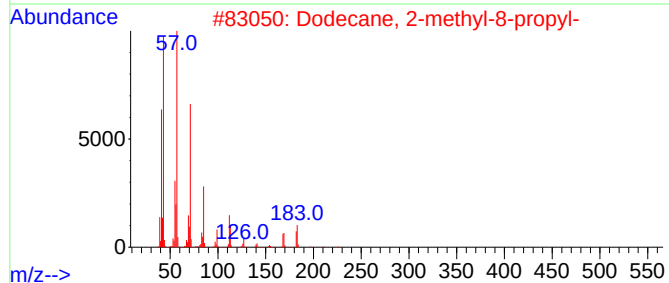
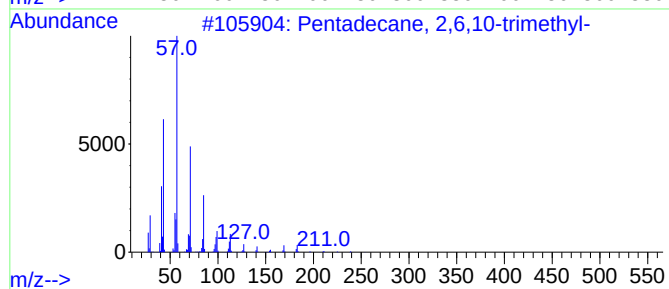
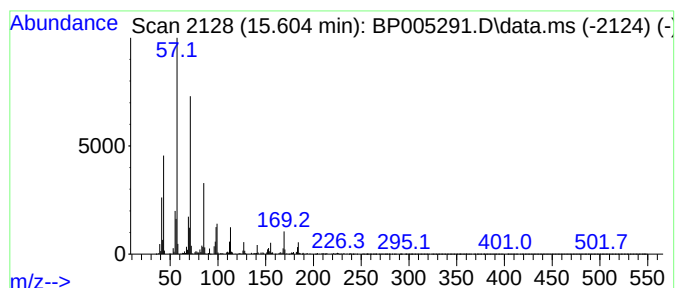
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.604	9.81 ng	393892	Acenaphthene-d10		14.340	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-		254	C18H38	003892-00-0	87
2	Dodecane, 2-methyl-8-propyl-		226	C16H34	055045-07-3	87
3	Hexadecane		226	C16H34	000544-76-3	80
4	Heptadecane, 2,6-dimethyl-		268	C19H40	054105-67-8	76
5	Hexadecane, 2,6,10,14-tetramethyl-		282	C20H42	000638-36-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
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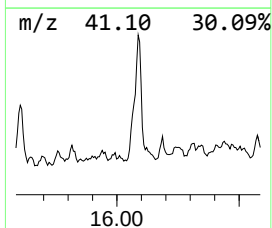
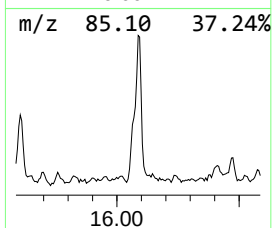
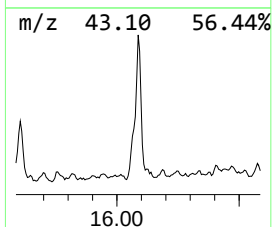
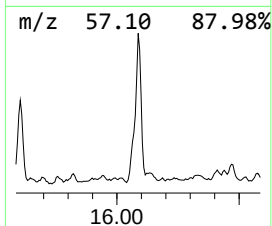
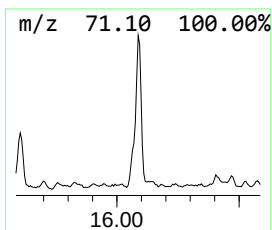
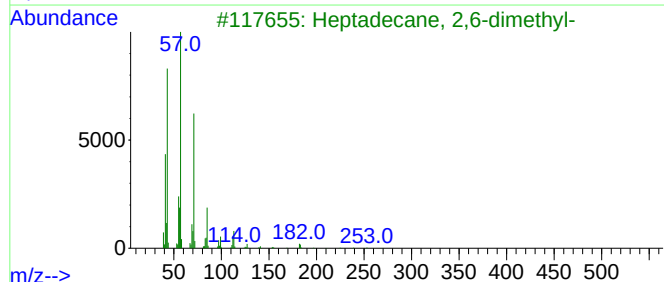
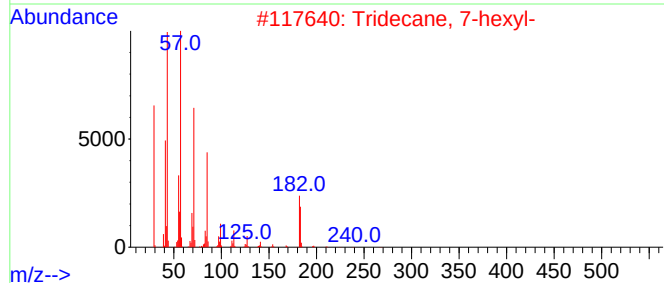
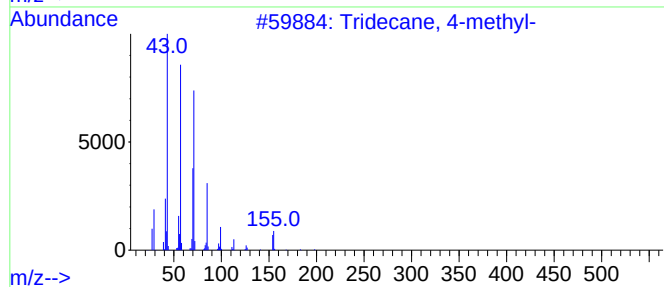
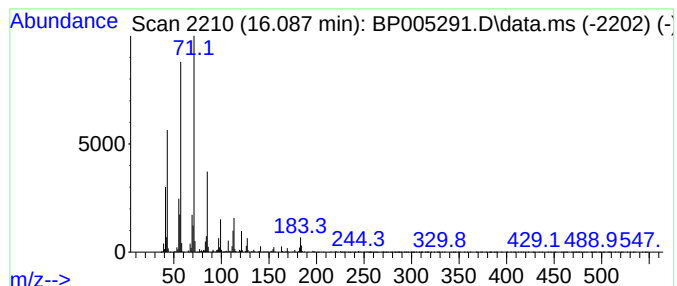
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Tridecane, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.087	29.70 ng	1310360	Phenanthrene-d10		17.104	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-		198	C14H30	026730-12-1	81
2	Tridecane, 7-hexyl-		268	C19H40	007225-66-3	78
3	Heptadecane, 2,6-dimethyl-		268	C19H40	054105-67-8	64
4	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	64
5	Tridecane, 5-propyl-		226	C16H34	055045-11-9	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005291.D
Acq On : 13 Apr 2021 17:26
Operator : CG/JU
Sample : M1998-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampled :
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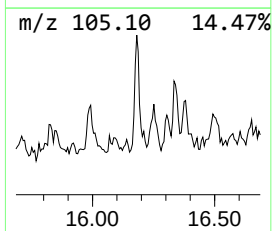
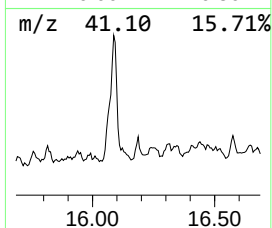
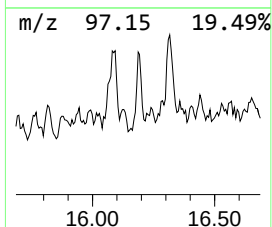
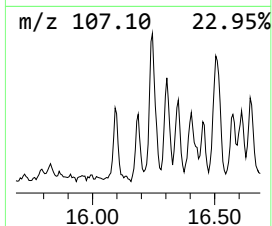
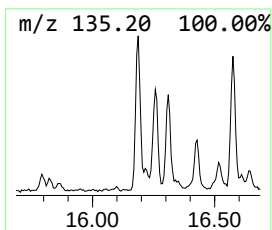
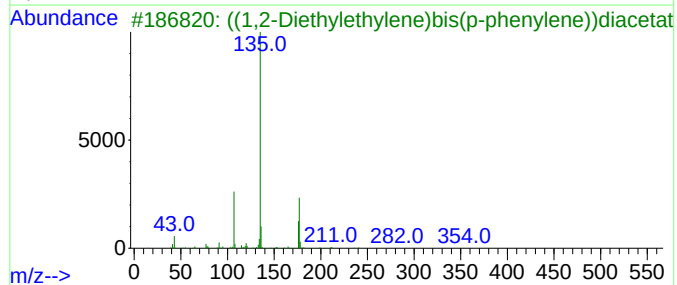
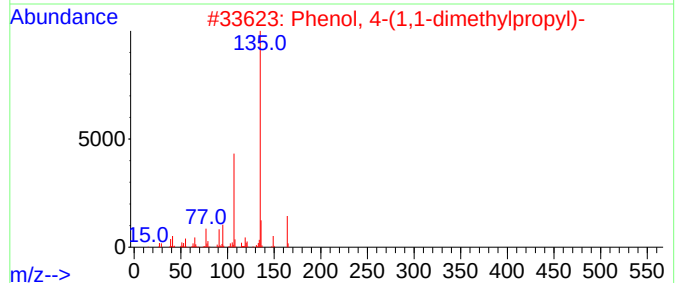
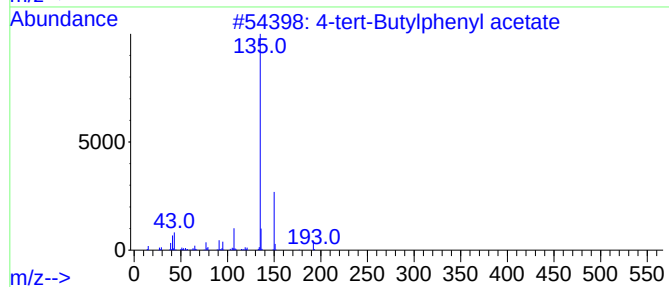
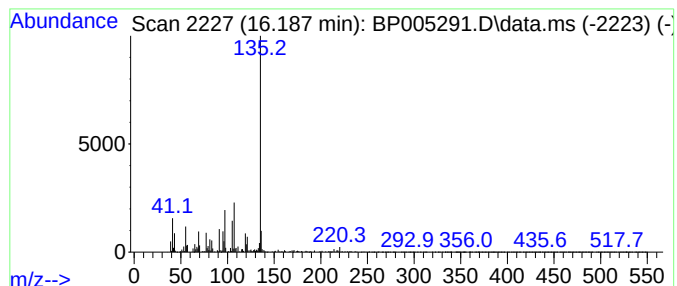
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 4-tert-Butylphenyl acetate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.187	6.07 ng	267928	Phenanthrene-d10	17.104

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	59
2			Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
3			((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	59
4			Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	58
5			2-Bromo-3'-methoxyacetophenone	228	C9H9BrO2	005000-65-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
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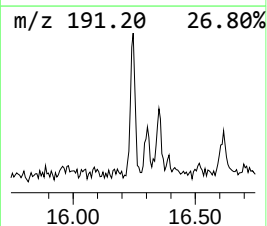
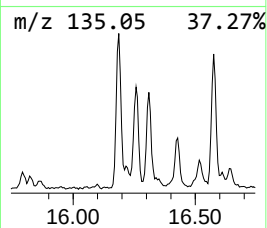
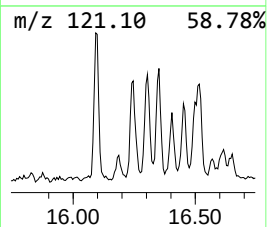
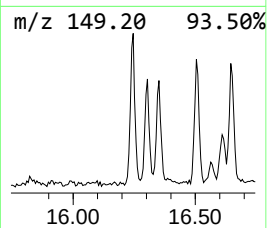
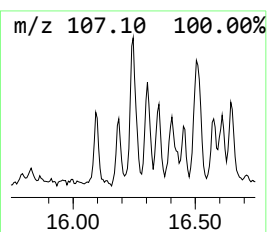
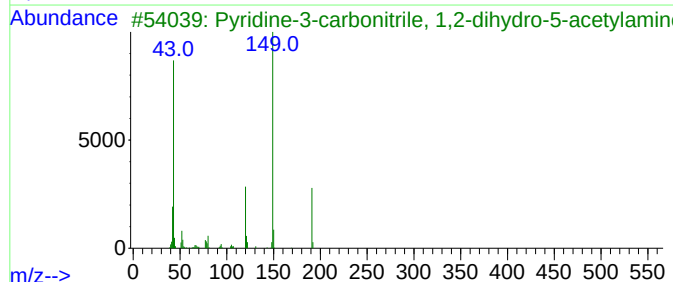
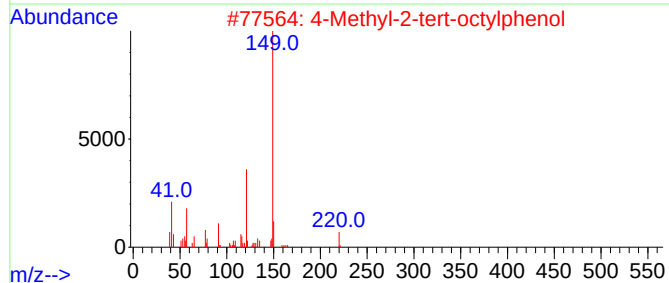
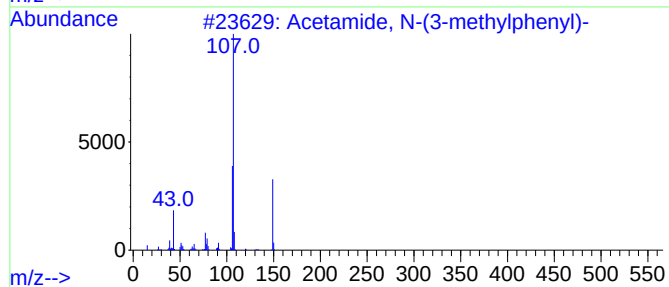
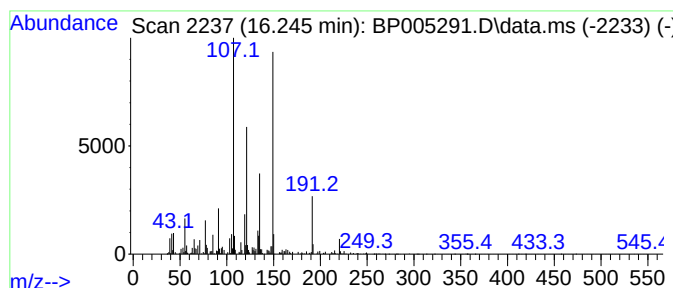
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Acetamide, N-(3-methylphenyl)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.245	4.83 ng	213089	Phenanthrene-d10	17.104	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	52
2	4-Methyl-2-tert-octylphenol	220	C15H24O	004979-46-8	38
3	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38
4	Phenylpropionic acid pentafluoro...	330	C16H11F5O2	062434-95-1	38
5	Benzaldehyde, 3-(4-fluorophenoxy...	260	C15H13FO3	329222-88-0	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005291.D
Acq On : 13 Apr 2021 17:26
Operator : CG/JU
Sample : M1998-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

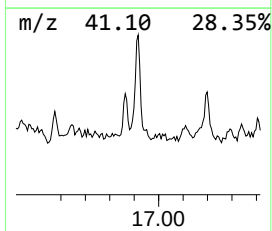
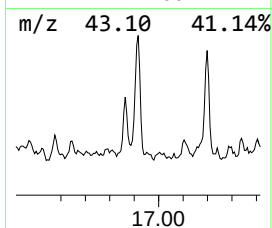
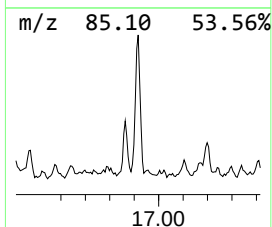
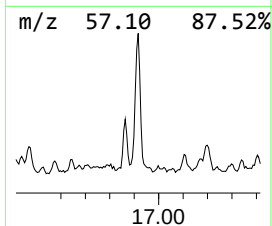
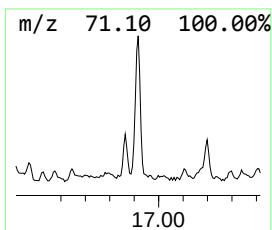
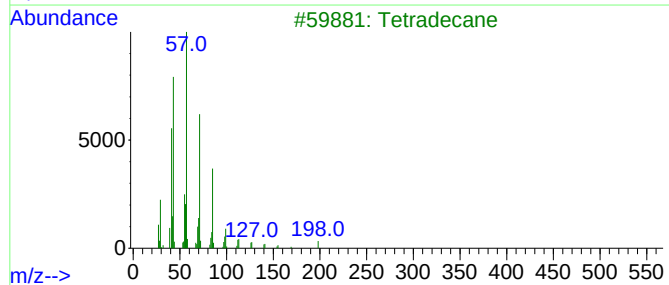
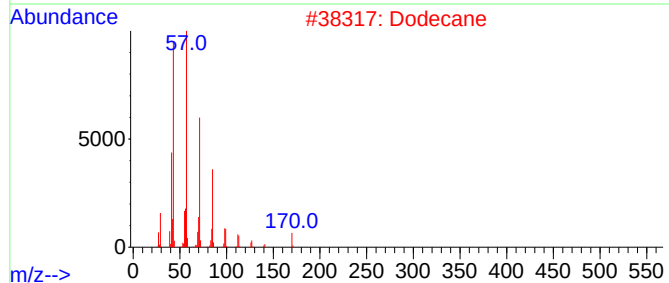
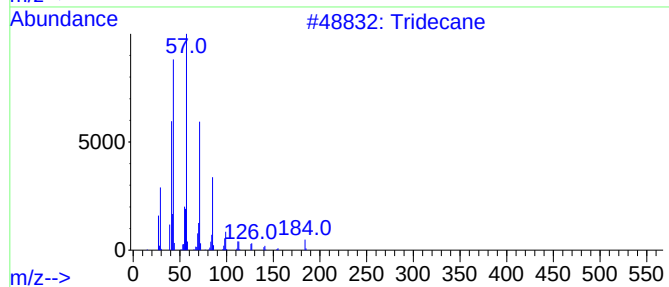
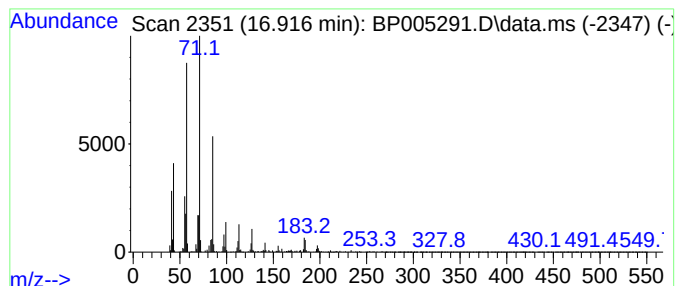
Instrument :
BNA_P
ClientSampled :
SB-5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.916	14.70 ng	648578	Phenanthrene-d10		17.104	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	91
2	Dodecane		170	C12H26	000112-40-3	87
3	Tetradecane		198	C14H30	000629-59-4	87
4	Tridecane, 7-hexyl-		268	C19H40	007225-66-3	81
5	Nonane, 5-(2-methylpropyl)-		184	C13H28	062185-53-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005291.D
Acq On : 13 Apr 2021 17:26
Operator : CG/JU
Sample : M1998-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

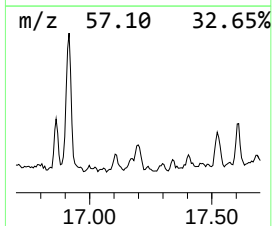
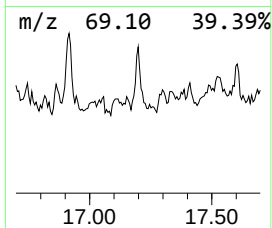
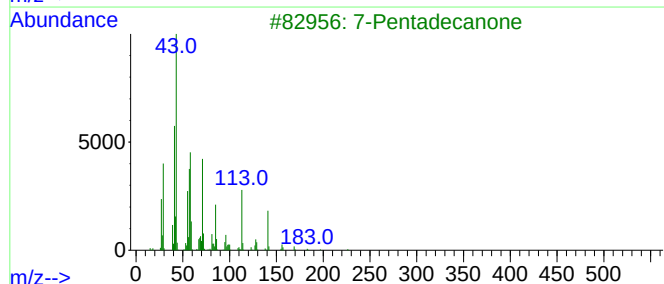
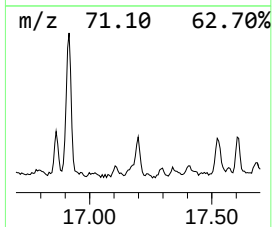
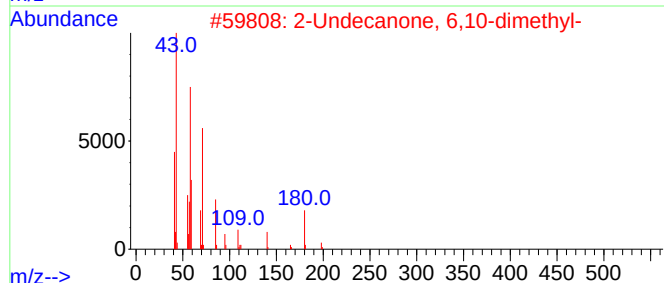
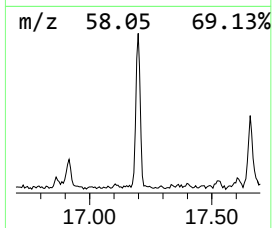
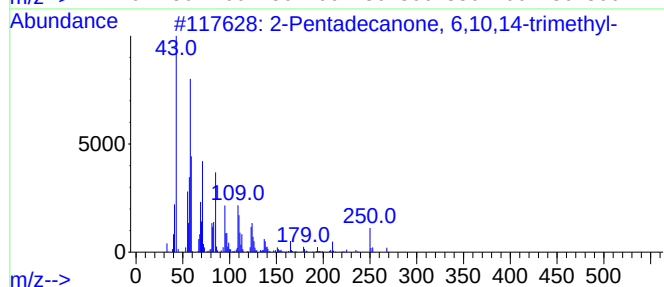
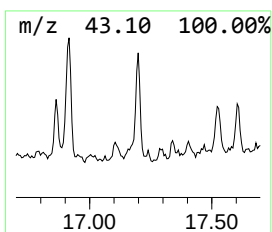
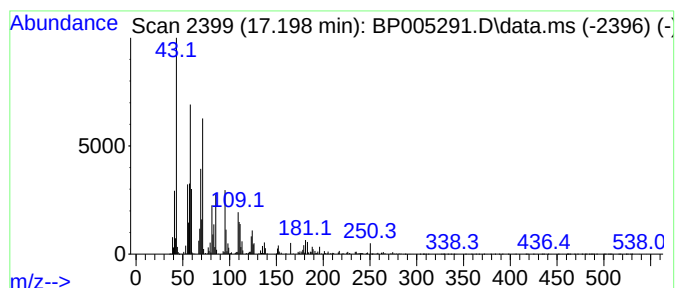
Instrument :
BNA_P
ClientSampleId :
SB-5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 2-Pentadecanone, 6,10,14-tr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.198	4.60 ng	203040	Phenanthrene-d10		17.104	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	2-Pentadecanone, 6,10,14-trimethyl-		268	C18H36O	000502-69-2	59
2	2-Undecanone, 6,10-dimethyl-		198	C13H26O	001604-34-8	53
3	7-Pentadecanone		226	C15H30O	006064-38-6	47
4	5H-Tetrazole-5-thione, 1-[2-(dim...		173	C5H11N5S	061607-68-9	35
5	1-Hepten-6-one, 2-methyl-		126	C8H14O	010408-15-8	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005291.D
Acq On : 13 Apr 2021 17:26
Operator : CG/JU
Sample : M1998-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

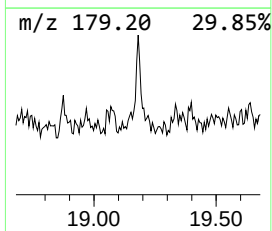
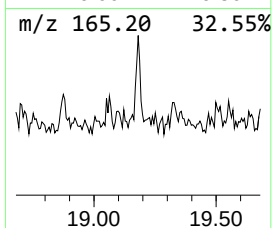
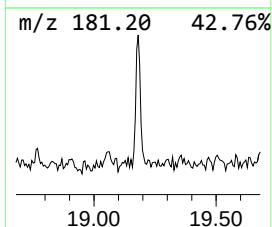
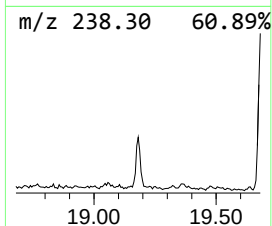
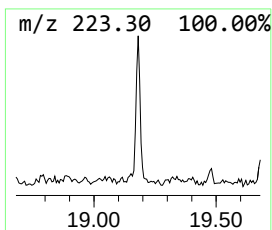
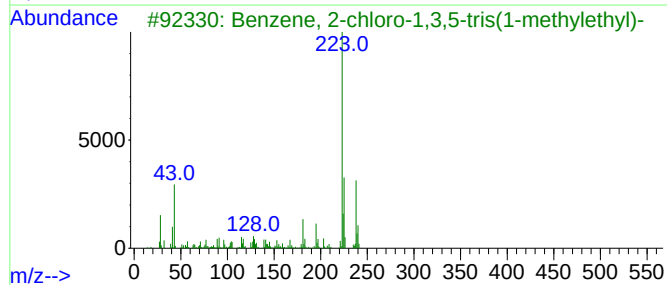
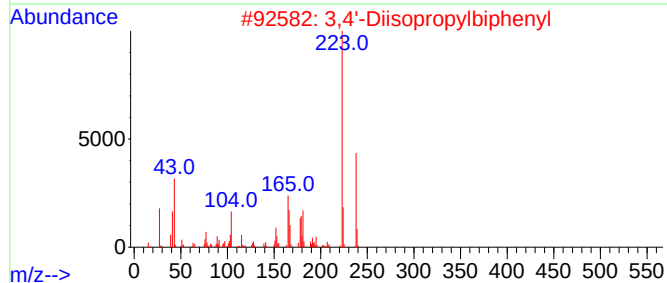
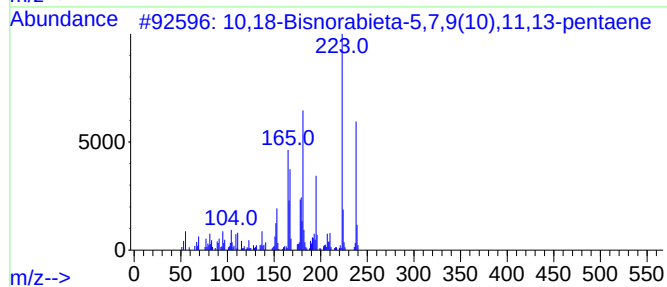
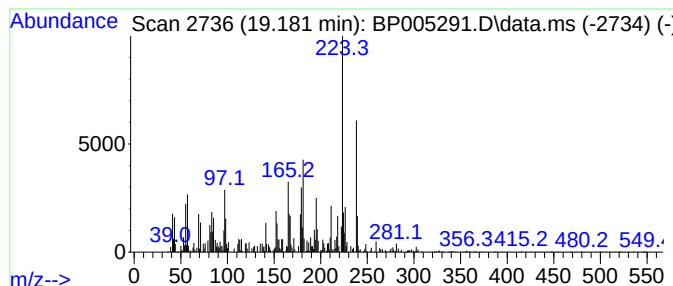
Instrument :
BNA_P
ClientSampleId :
SB-5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.181	4.43 ng	133532	Chrysene-d12		21.204	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...		238	C18H22	006566-19-4	94
2	3,4'-Diisopropylbiphenyl		238	C18H22	061434-46-6	46
3	Benzene, 2-chloro-1,3,5-tris(1-m...		238	C15H23Cl	055538-62-0	46
4	6-(Methylamino)phenanthren-3-ol		223	C15H13NO	098033-23-9	43
5	4,4'-Diacetyl biphenyl		238	C16H14O2	000787-69-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041321\
Data File : BP005291.D
Acq On : 13 Apr 2021 17:26
Operator : CG/JU
Sample : M1998-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-5B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP040921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1-Pentene, 2,4,...	7.299	4.9	ng	123351	1	7.675	500159	20.0
3-Heptene, 2,2,...	7.452	5.3	ng	133283	1	7.675	500159	20.0
1-Hexanol, 2-et...	7.740	9.3	ng	231821	1	7.675	500159	20.0
2-Piperidinone	10.252	11.2	ng	376123	2	10.463	674047	20.0
Sulfurous acid,...	10.622	4.6	ng	154362	2	10.463	674047	20.0
Sulfurous acid,...	11.487	8.2	ng	277434	2	10.463	674047	20.0
Indole	11.981	9.8	ng	328739	2	10.463	674047	20.0
Sulfurous acid,...	12.863	6.9	ng	275979	3	14.340	802892	20.0
unknown13.746	13.746	6.9	ng	277214	3	14.340	802892	20.0
Decane, 3,7-dim...	13.816	11.1	ng	443640	3	14.340	802892	20.0
unknown14.157	14.157	7.1	ng	285651	3	14.340	802892	20.0
Nonadecane	14.240	6.2	ng	248592	3	14.340	802892	20.0
2-methyltetraaco...	14.863	5.1	ng	204606	3	14.340	802892	20.0
Pentadecane, 2,...	15.604	9.8	ng	393892	3	14.340	802892	20.0
Tridecane, 4-me...	16.087	29.7	ng	1310360	4	17.104	882290	20.0
4-tert-Butylphe...	16.187	6.1	ng	267928	4	17.104	882290	20.0
Acetamide, N-(3...	16.245	4.8	ng	213089	4	17.104	882290	20.0
Tridecane	16.916	14.7	ng	648578	4	17.104	882290	20.0
2-Pentadecanone...	17.198	4.6	ng	203040	4	17.104	882290	20.0
10,18-Bisnorabi...	19.181	4.4	ng	133532	5	21.204	602180	20.0