

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
 Data File : BP009629.D
 Acq On : 30 Mar 2022 21:02
 Operator : CG/JU
 Sample : N2155-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 22L076-D

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-BP031722.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009629.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.522	87	91	105	rBV	57004	125119	1.11%	0.133%
2	4.287	215	221	238	rVB	1488944	2362123	20.91%	2.508%
3	4.881	315	322	333	rBV	2449252	3966755	35.12%	4.211%
4	5.352	396	402	408	rBV	302498	562884	4.98%	0.598%
5	6.252	547	555	564	rBV	640947	1086797	9.62%	1.154%
6	6.934	660	671	685	rBV	1401583	2631440	23.30%	2.793%
7	7.740	801	808	816	rBV	764270	1327357	11.75%	1.409%
8	7.810	816	820	839	rVB2	69010	165709	1.47%	0.176%
9	7.993	843	851	867	rVB	195735	444091	3.93%	0.471%
10	8.899	998	1005	1014	rBV	1441460	2700360	23.91%	2.867%
11	8.969	1014	1017	1028	rVB2	58635	116915	1.04%	0.124%
12	10.322	1240	1247	1257	rBV	872544	1642258	14.54%	1.743%
13	10.534	1275	1283	1288	rBV	840827	1639919	14.52%	1.741%
14	10.581	1288	1291	1300	rVB	278057	473509	4.19%	0.503%
15	11.575	1455	1460	1470	rBV3	73659	189816	1.68%	0.201%
16	11.975	1522	1528	1538	rBV	179183	312801	2.77%	0.332%
17	12.198	1559	1566	1574	rVB	301300	561718	4.97%	0.596%
18	12.422	1598	1604	1609	rBV	171117	313451	2.77%	0.333%
19	12.934	1687	1691	1696	rVV	117796	180880	1.60%	0.192%
20	13.010	1696	1704	1718	rVV	5736839	9171539	81.19%	9.736%
21	13.222	1734	1740	1747	rBV	357851	541904	4.80%	0.575%
22	13.416	1770	1773	1784	rVB	84384	184684	1.63%	0.196%
23	13.551	1790	1796	1805	rBV3	138936	416088	3.68%	0.442%
24	13.710	1817	1823	1828	rBV	208410	368333	3.26%	0.391%
25	13.763	1828	1832	1836	rVV	126588	181980	1.61%	0.193%
26	13.887	1844	1853	1856	rBV2	140182	271008	2.40%	0.288%
27	13.945	1856	1863	1867	rBV3	102659	219619	1.94%	0.233%
28	14.110	1886	1891	1899	rBV	112229	198604	1.76%	0.211%
29	14.304	1919	1924	1928	rVB	331564	468493	4.15%	0.497%
30	14.387	1930	1938	1944	rVV	1685008	2849213	25.22%	3.025%
31	14.451	1944	1949	1958	rVB	358135	628106	5.56%	0.667%
32	14.604	1970	1975	1984	rVB	75577	197424	1.75%	0.210%
33	14.792	2002	2007	2014	rVB2	291838	531913	4.71%	0.565%
34	14.869	2016	2020	2025	rVV2	98305	146705	1.30%	0.156%
35	14.928	2026	2030	2037	rVB5	94174	157820	1.40%	0.168%
36	15.016	2039	2045	2049	rBV2	88937	188292	1.67%	0.200%

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Integrator: RTE

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Filtering: 5

Sampling : 1

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

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.257	2082	2086	2092	rVB	293986	402549	3.56%	0.427%
38	15.445	2113	2118	2122	rVB	338772	486902	4.31%	0.517%
39	15.669	2152	2156	2161	rVB3	125001	184114	1.63%	0.195%
40	15.792	2174	2177	2185	rVB	229688	351027	3.11%	0.373%
41	15.898	2189	2195	2201	rVB	583724	984755	8.72%	1.045%
42	16.128	2229	2234	2237	rBV	403545	674730	5.97%	0.716%
43	16.239	2249	2253	2259	rBV2	120005	244984	2.17%	0.260%
44	16.298	2260	2263	2269	rVV2	104273	181593	1.61%	0.193%
45	16.363	2270	2274	2278	rVV2	88876	131548	1.16%	0.140%
46	16.810	2347	2350	2358	rVB	117122	170461	1.51%	0.181%
47	16.928	2366	2370	2374	rVV	296258	377182	3.34%	0.400%
48	16.975	2374	2378	2386	rVB2	297231	547085	4.84%	0.581%
49	17.157	2403	2409	2412	rBV	1813870	2930558	25.94%	3.111%
50	17.198	2412	2416	2422	rVB	2755549	3941976	34.90%	4.185%
51	17.286	2427	2431	2438	rVB	657253	1041185	9.22%	1.105%
52	17.539	2470	2474	2475	rBV4	89877	121644	1.08%	0.129%
53	17.569	2475	2479	2488	rVB	246352	474313	4.20%	0.504%
54	17.675	2493	2497	2502	rVB2	318483	433596	3.84%	0.460%
55	18.028	2553	2557	2561	rBV	320749	497433	4.40%	0.528%
56	18.075	2561	2565	2570	rVB	504675	819203	7.25%	0.870%
57	18.128	2570	2574	2577	rBV	196994	225232	1.99%	0.239%
58	18.216	2585	2589	2593	rBV2	439660	720061	6.37%	0.764%
59	18.351	2608	2612	2615	rBV	271446	360435	3.19%	0.383%
60	18.516	2637	2640	2644	rBV	216467	283371	2.51%	0.301%
61	18.569	2646	2649	2658	rVB4	182901	370067	3.28%	0.393%
62	18.963	2713	2716	2722	rVB4	286972	431628	3.82%	0.458%
63	19.122	2739	2743	2747	rBV3	247060	333948	2.96%	0.355%
64	19.180	2748	2753	2761	rBV	3368767	4680238	41.43%	4.968%
65	19.533	2805	2813	2822	rBV	2953128	5226701	46.27%	5.548%
66	19.733	2842	2847	2853	rBV	8758750	11296007	100.00%	11.991%
67	20.992	3057	3061	3067	rVB3	1392843	2080241	18.42%	2.208%
68	21.269	3102	3108	3112	rBV2	2886733	5508899	48.77%	5.848%
69	21.310	3112	3115	3123	rVB	1292972	1693991	15.00%	1.798%
70	21.386	3124	3128	3133	rBV	4368906	6164794	54.57%	6.544%
71	22.933	3387	3391	3396	rBV	1240813	2303790	20.39%	2.446%

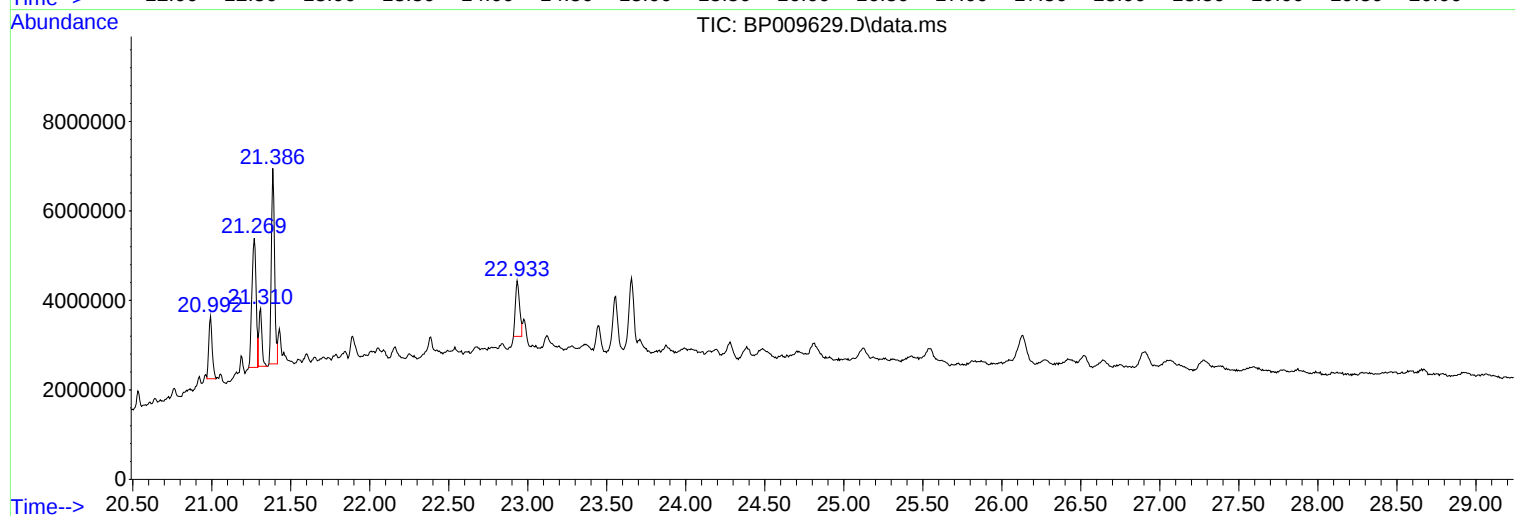
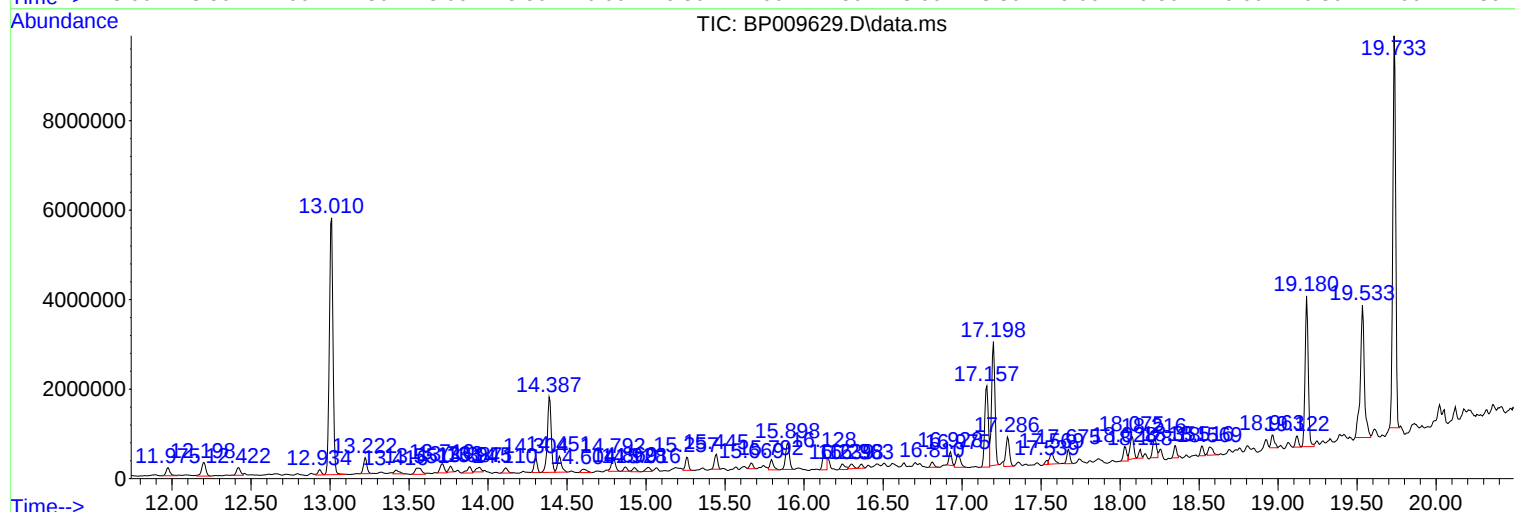
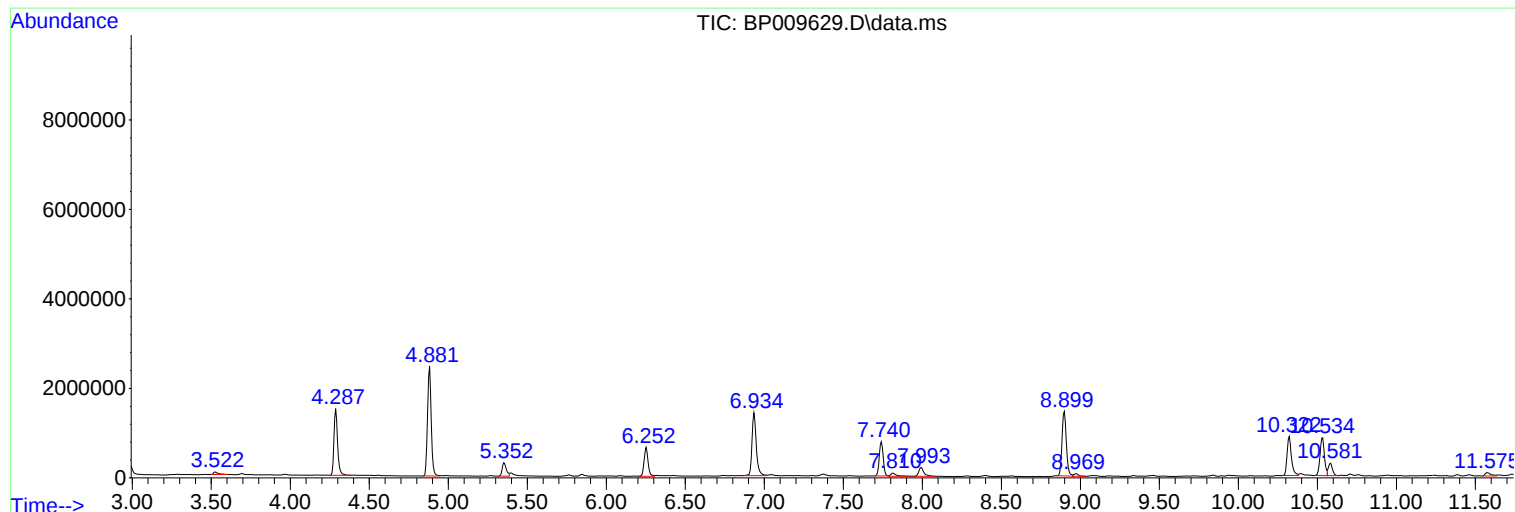
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Misc :
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Instrument :
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ClientSampleId :
22L076-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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Data File : BP009629.D
Acq On : 30 Mar 2022 21:02
Operator : CG/JU
Sample : N2155-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-D

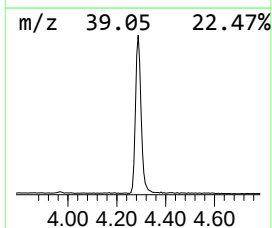
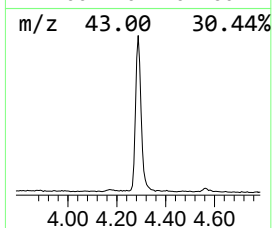
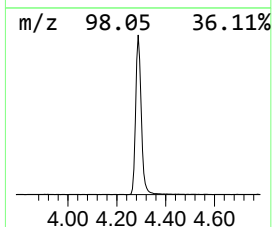
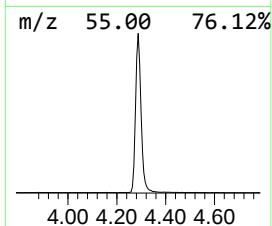
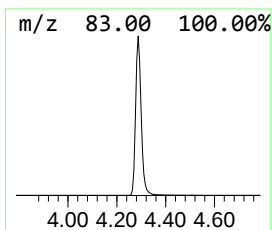
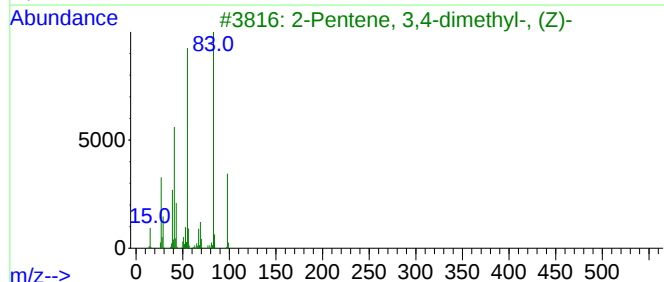
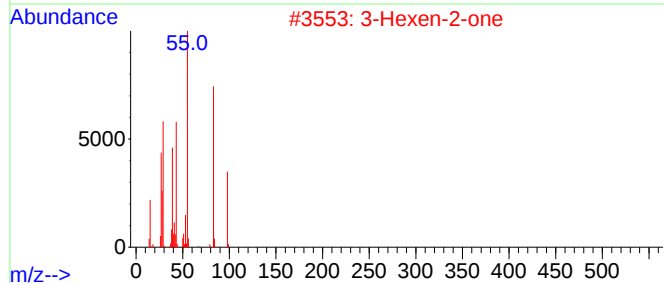
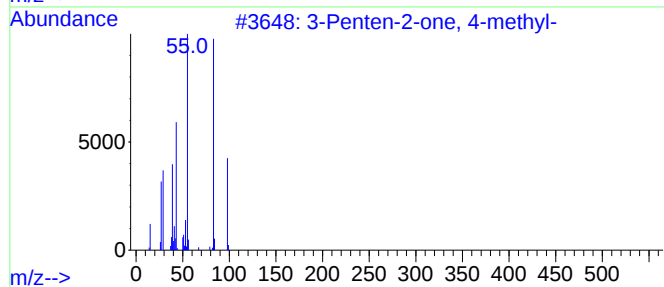
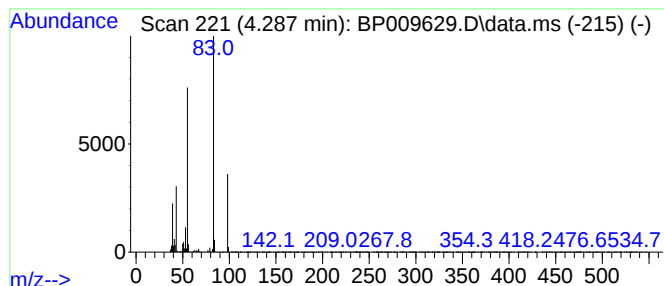
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.287	35.59 ng	2362120	1,4-Dichlorobenzene-d4	7.740

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2			3-Hexen-2-one	98	C6H10O	000763-93-9	91
3			2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
4			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
5			Furan, 2-methoxy-	98	C5H6O2	025414-22-6	78



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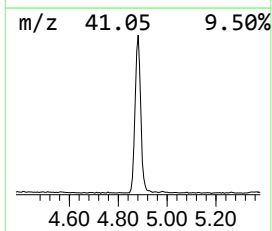
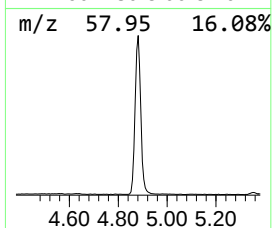
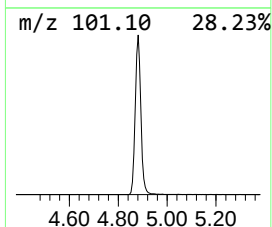
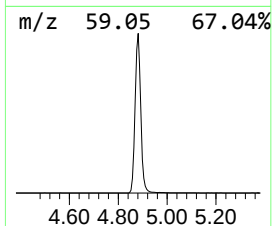
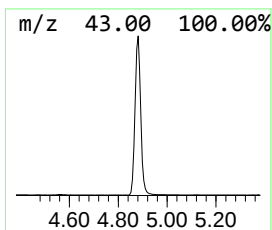
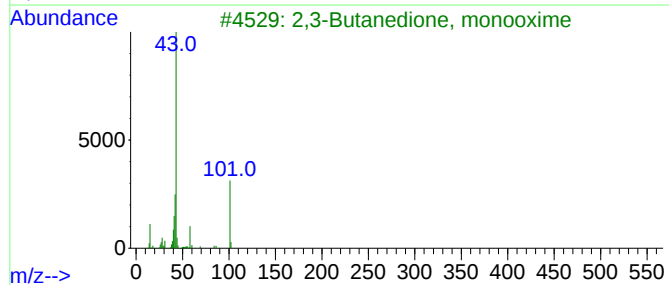
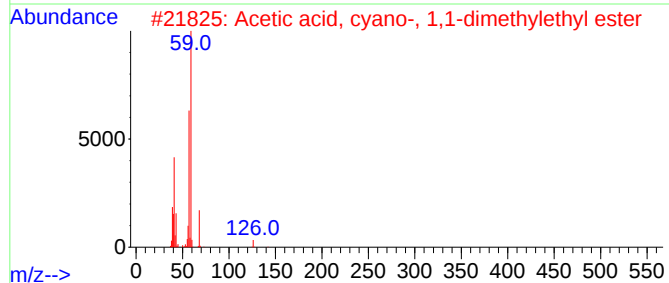
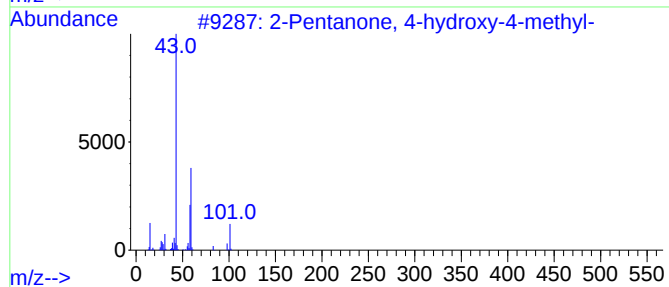
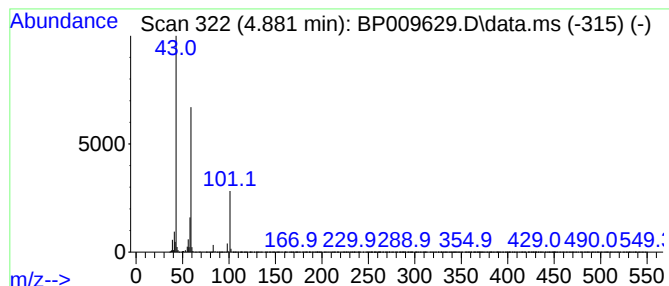
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.881	59.77 ng	3966760	1,4-Dichlorobenzene-d4	7.740

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2			Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5			(+)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9



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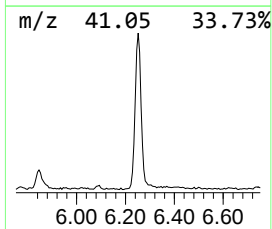
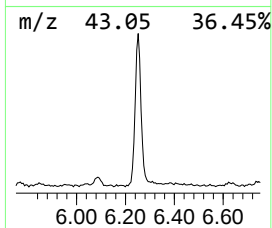
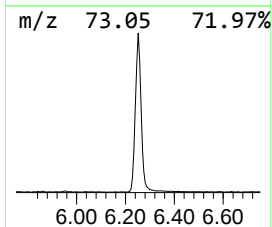
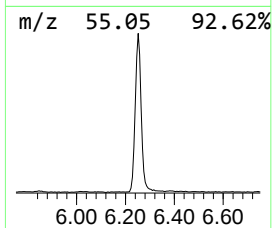
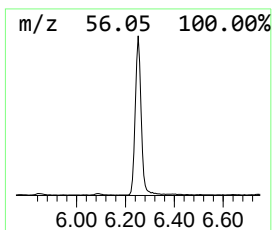
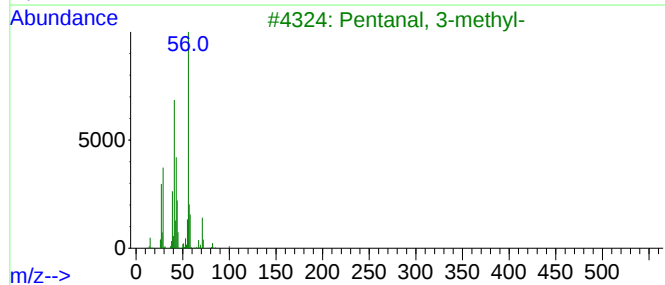
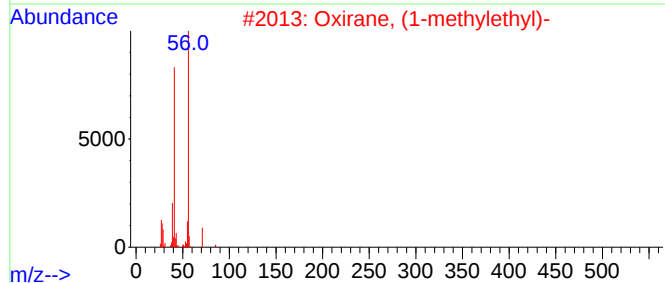
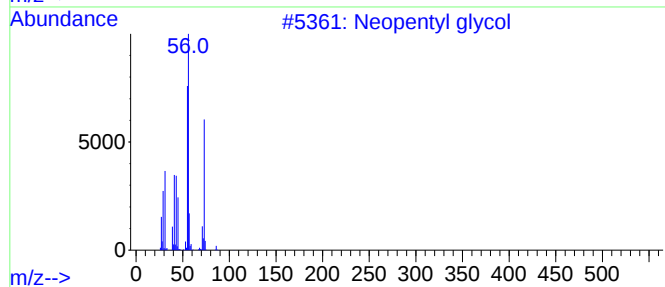
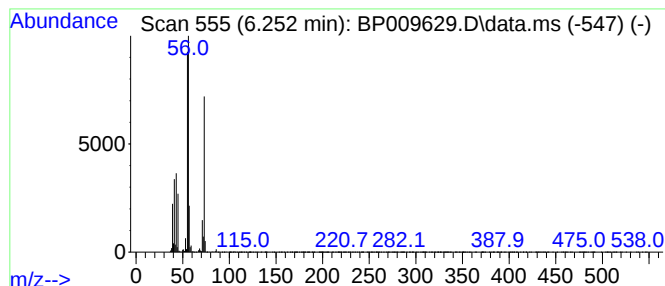
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Neopentyl glycol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.252	16.38 ng	1086800	1,4-Dichlorobenzene-d4	7.740

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Neopentyl glycol	104	C5H12O2	000126-30-7	83
2			Oxirane, (1-methylethyl)-	86	C5H10O	001438-14-8	47
3			Pentanal, 3-methyl-	100	C6H12O	015877-57-3	40
4			2,5-Dimethyl-5-hexen-3-ol	128	C8H16O	067760-91-2	38
5			1-Propanol, 2-methyl-2-nitro-	119	C4H9NO3	000076-39-1	16



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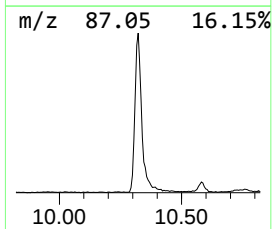
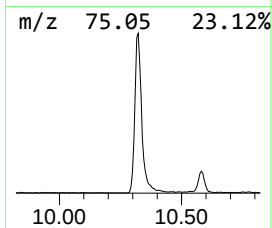
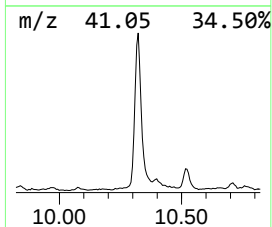
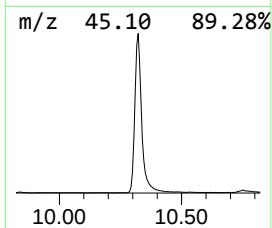
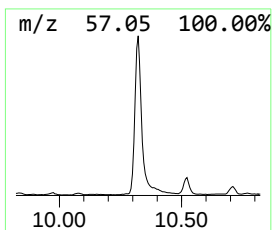
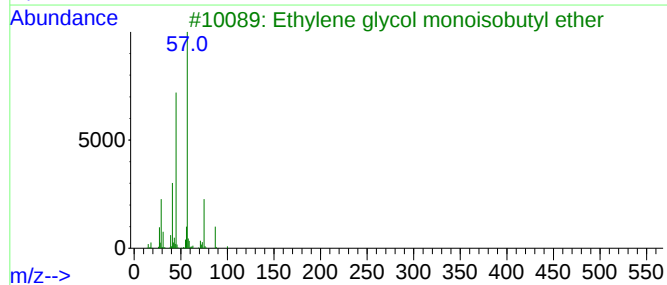
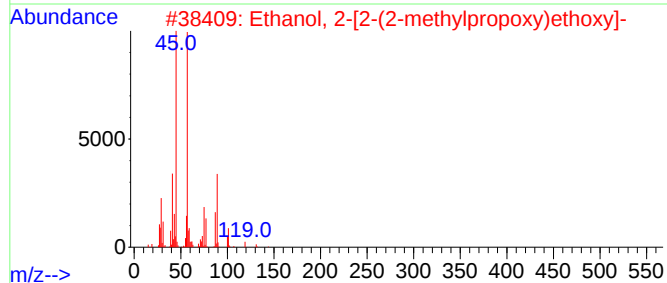
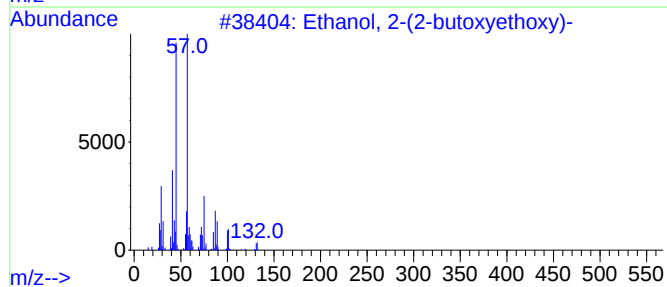
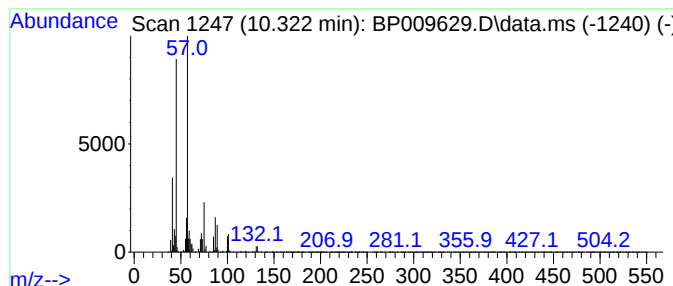
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	20.03 ng	1642260	Naphthalene-d8	10.534

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2			Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72
3			Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4			3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	52
5			Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009629.D
Acq On : 30 Mar 2022 21:02
Operator : CG/JU
Sample : N2155-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-D

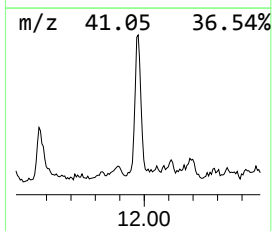
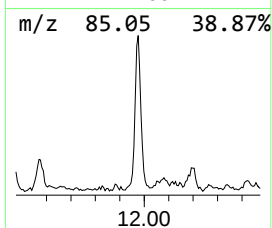
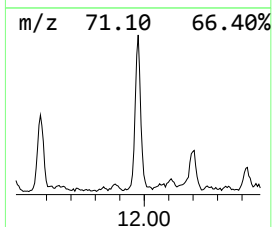
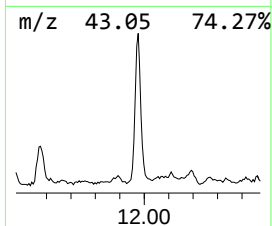
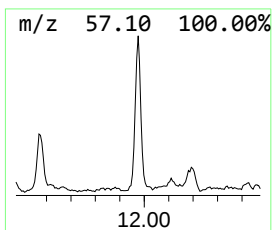
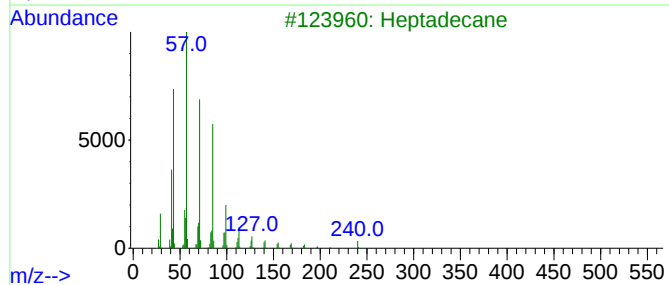
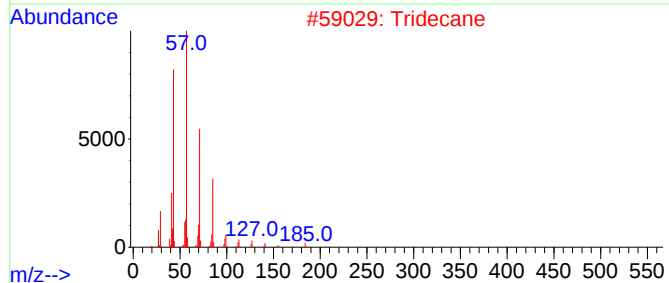
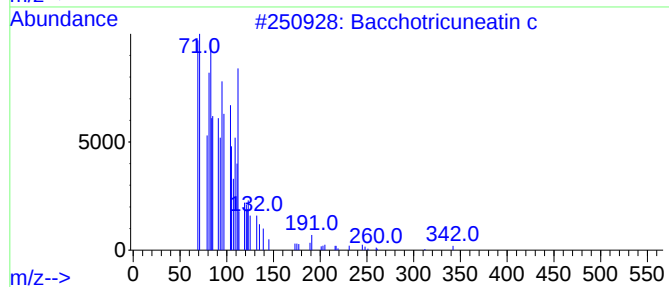
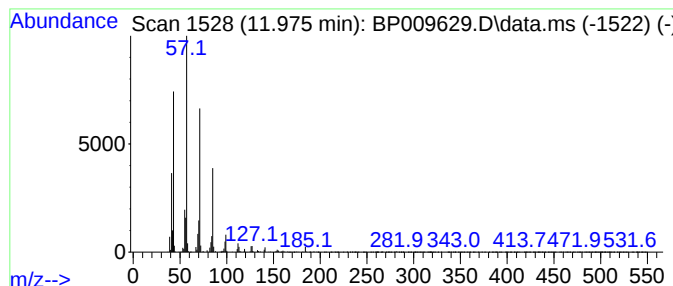
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Bacchotricuneatin c Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.975	3.81 ng	312801	Naphthalene-d8	10.534

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bacchotricuneatin c	342	C20H22O5	066563-30-2	94
2			Tridecane	184	C13H28	000629-50-5	94
3			Heptadecane	240	C17H36	000629-78-7	91
4			Hexadecane	226	C16H34	000544-76-3	90
5			Nonadecane	268	C19H40	000629-92-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009629.D
Acq On : 30 Mar 2022 21:02
Operator : CG/JU
Sample : N2155-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-D

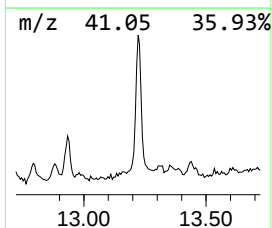
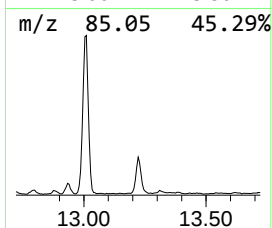
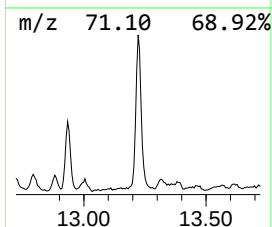
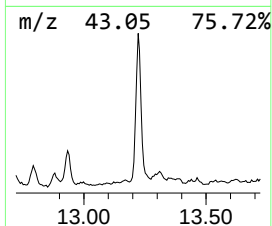
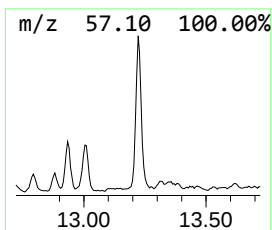
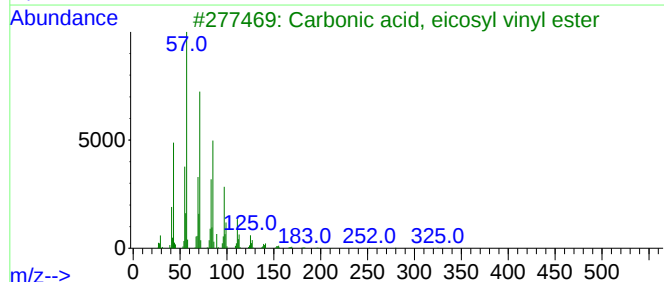
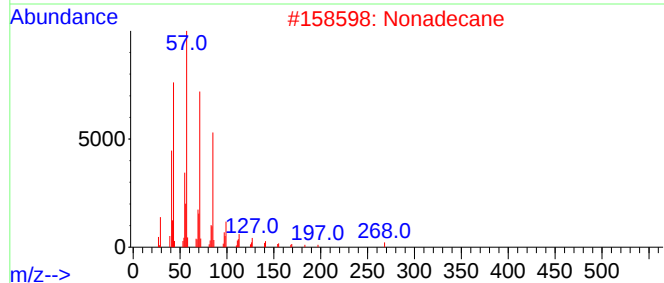
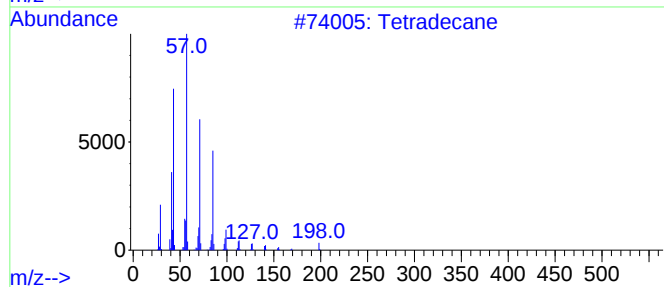
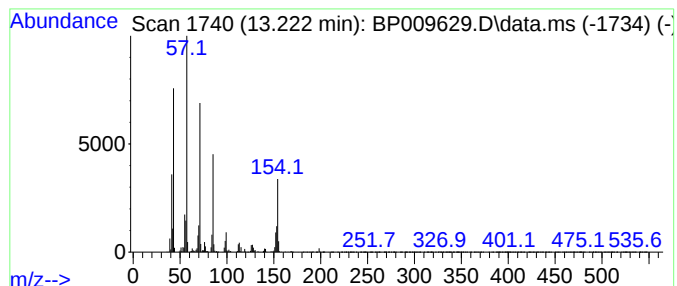
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Tetradecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.222	3.80 ng	541904	Acenaphthene-d10	14.387

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	93
2			Nonadecane	268	C19H40	000629-92-5	62
3			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	62
4			Pentadecane	212	C15H32	000629-62-9	58
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009629.D
Acq On : 30 Mar 2022 21:02
Operator : CG/JU
Sample : N2155-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

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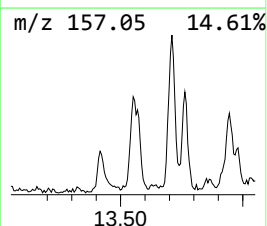
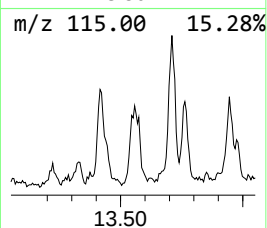
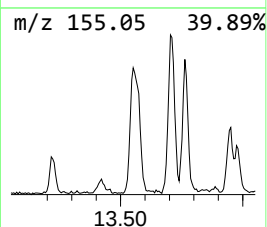
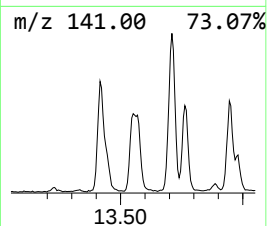
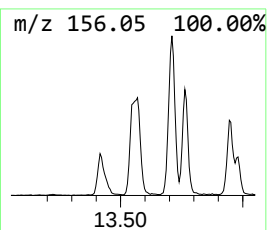
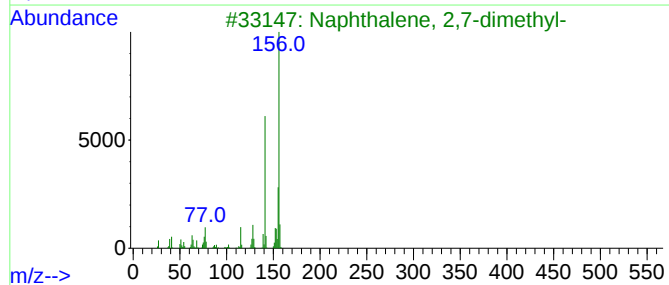
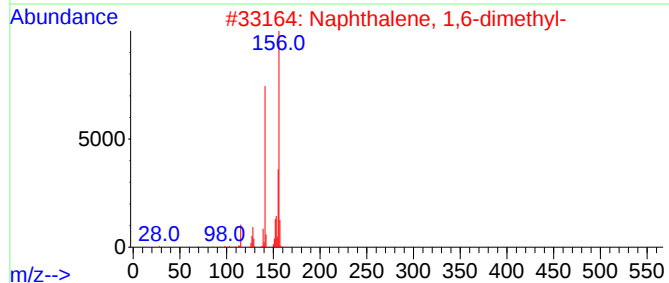
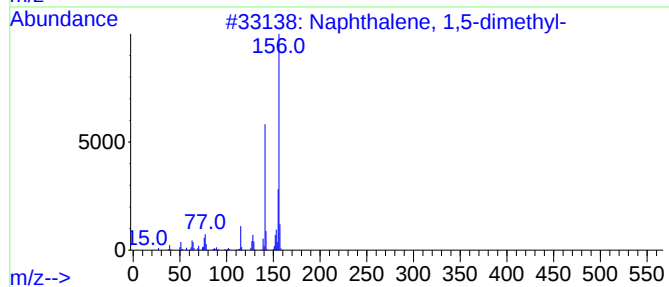
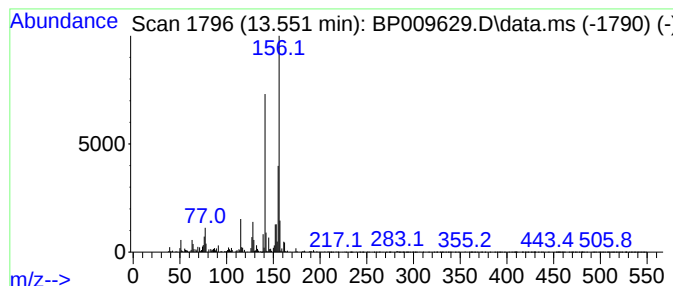
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 1,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.551	2.92 ng	416088	Acenaphthene-d10	14.387

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009629.D
Acq On : 30 Mar 2022 21:02
Operator : CG/JU
Sample : N2155-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

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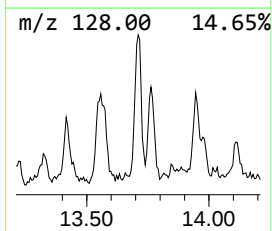
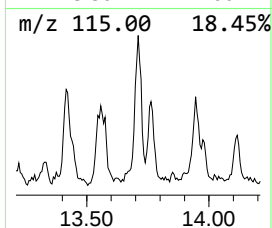
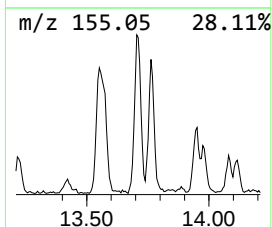
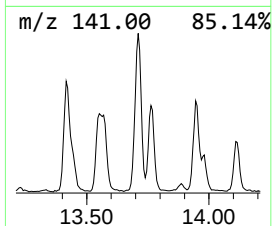
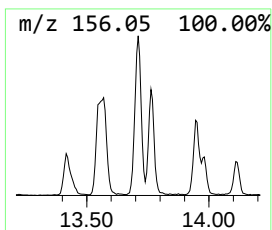
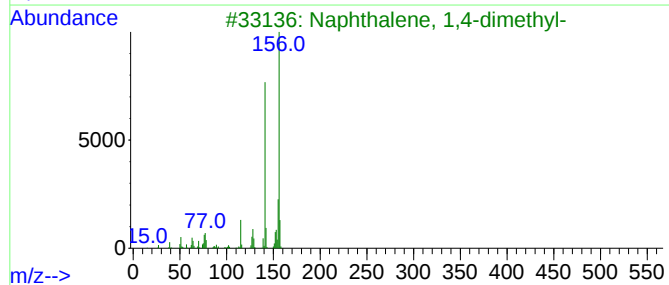
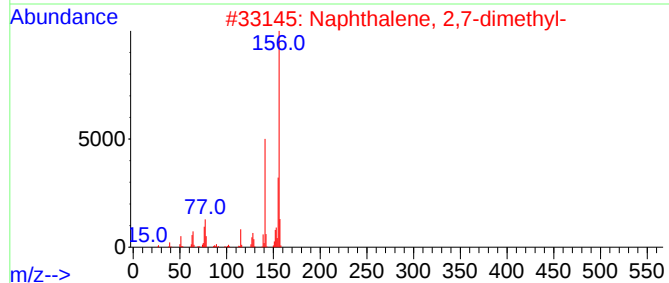
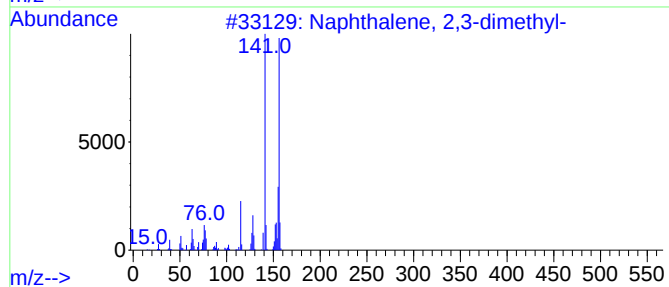
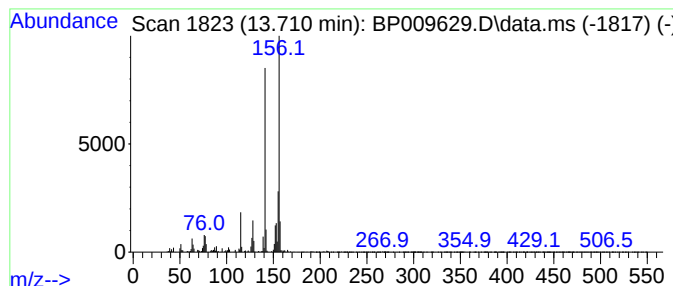
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.710	2.59 ng	368333	Acenaphthene-d10	14.387

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009629.D
Acq On : 30 Mar 2022 21:02
Operator : CG/JU
Sample : N2155-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-D

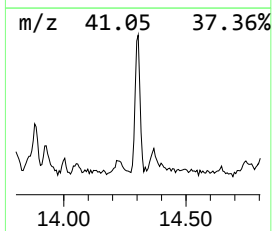
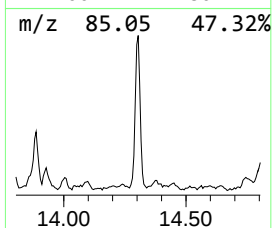
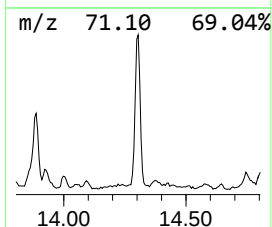
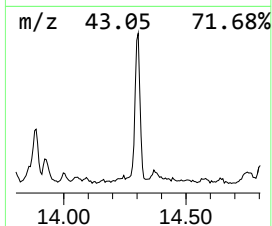
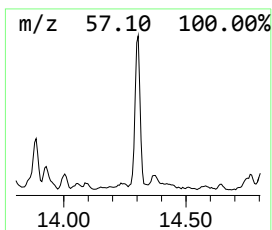
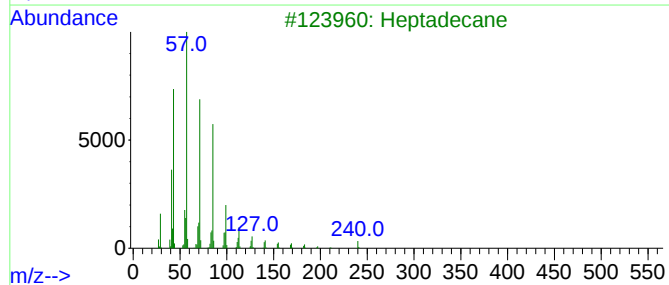
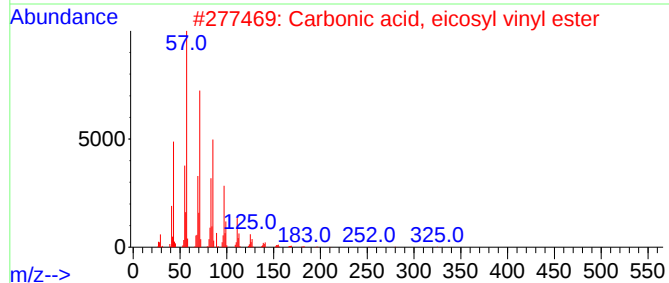
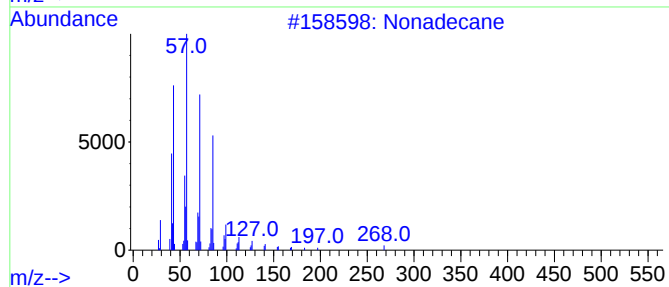
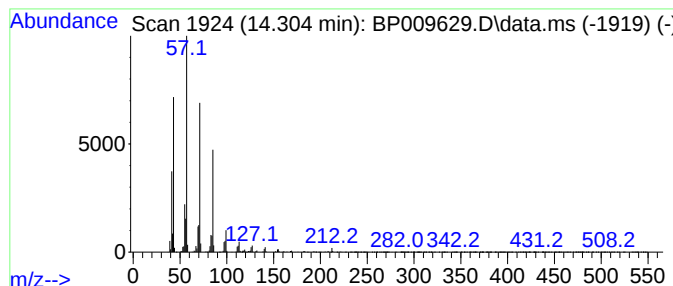
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Nonadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.304	3.29 ng	468493	Acenaphthene-d10	14.387

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	91
2			Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
3			Heptadecane	240	C17H36	000629-78-7	90
4			Tetradecane	198	C14H30	000629-59-4	87
5			Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009629.D
Acq On : 30 Mar 2022 21:02
Operator : CG/JU
Sample : N2155-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-D

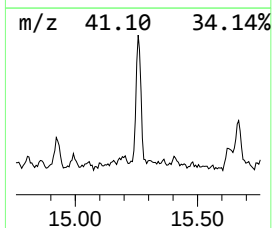
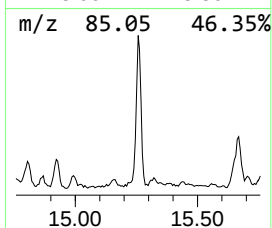
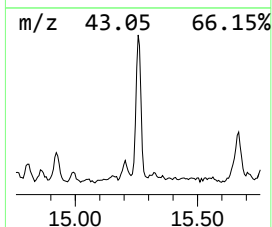
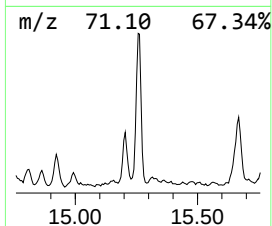
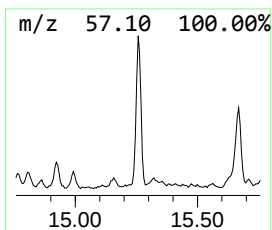
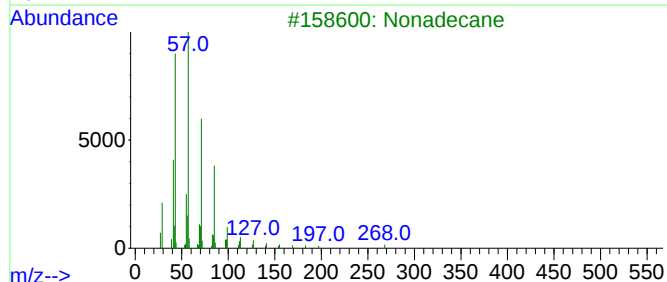
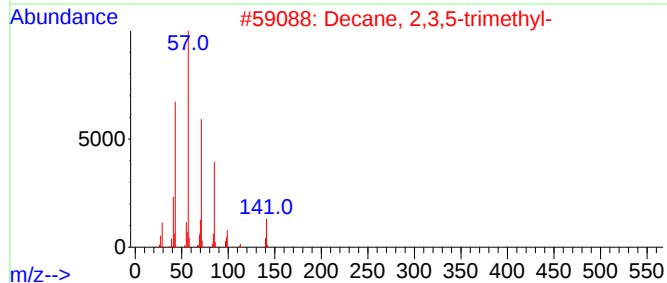
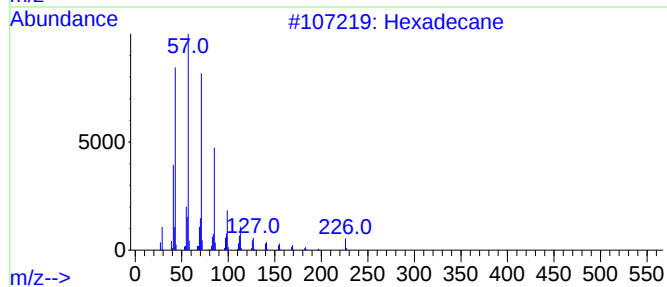
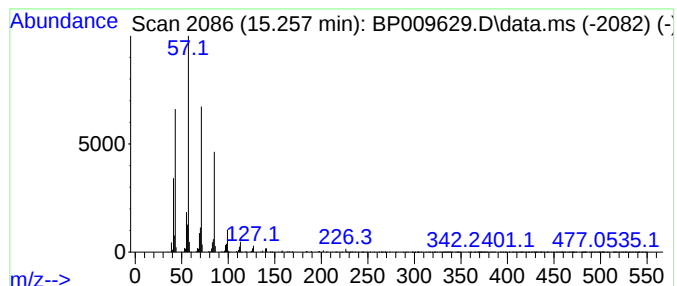
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.257	2.83 ng	402549	Acenaphthene-d10	14.387

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane	226	C16H34	000544-76-3	94
2		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3		Nonadecane	268	C19H40	000629-92-5	80
4		Heptadecane	240	C17H36	000629-78-7	72
5		Dodecane, 4-methyl-	184	C13H28	006117-97-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009629.D
Acq On : 30 Mar 2022 21:02
Operator : CG/JU
Sample : N2155-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-D

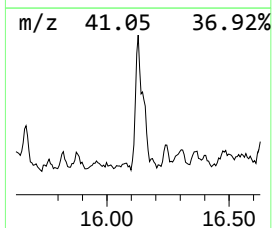
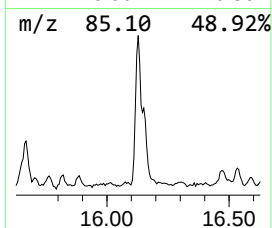
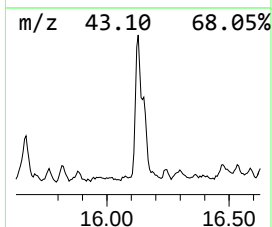
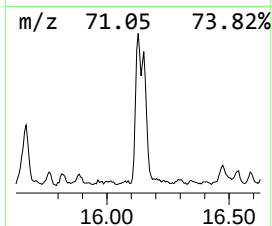
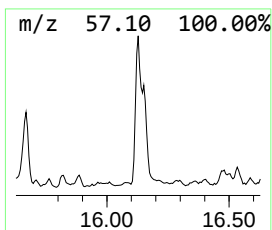
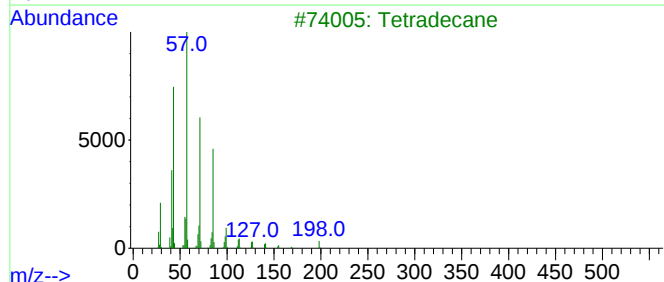
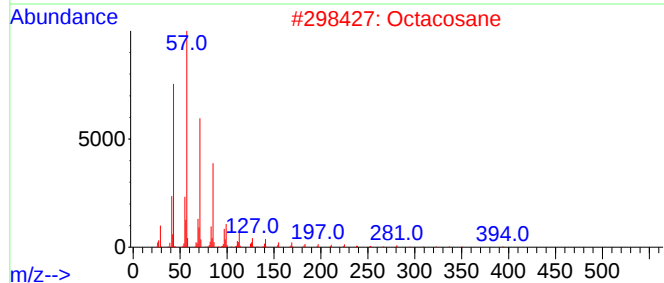
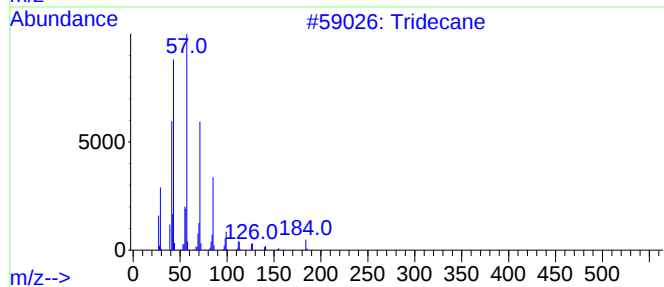
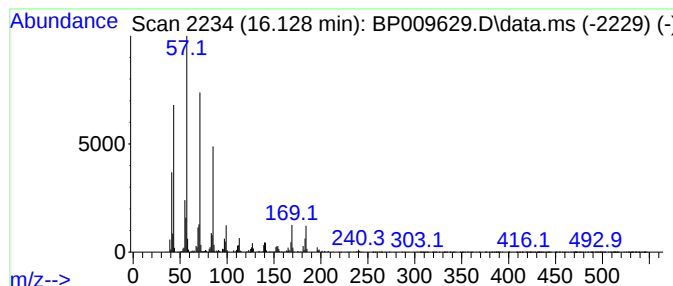
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.128	4.60 ng	674730	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	87
2			Octacosane	394	C28H58	000630-02-4	83
3			Tetradecane	198	C14H30	000629-59-4	81
4			Dodecane	170	C12H26	000112-40-3	81
5			Heptadecane	240	C17H36	000629-78-7	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009629.D
Acq On : 30 Mar 2022 21:02
Operator : CG/JU
Sample : N2155-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-D

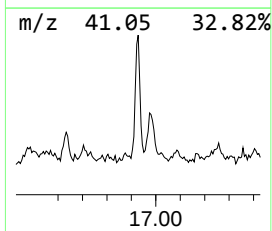
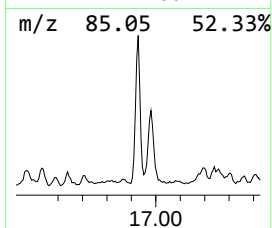
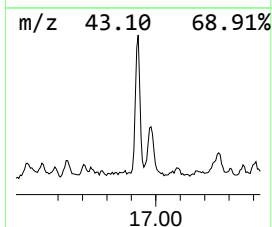
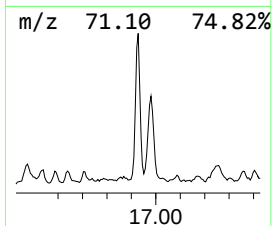
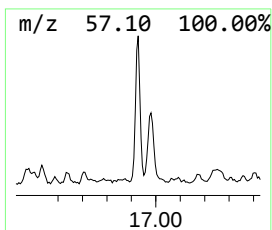
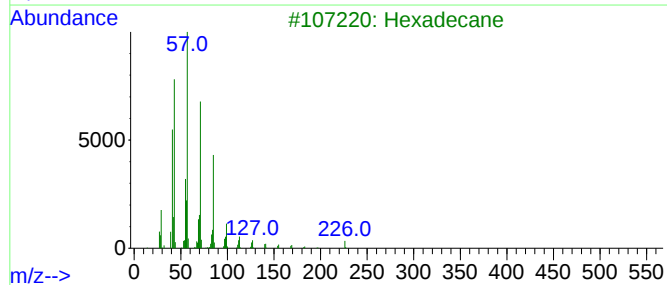
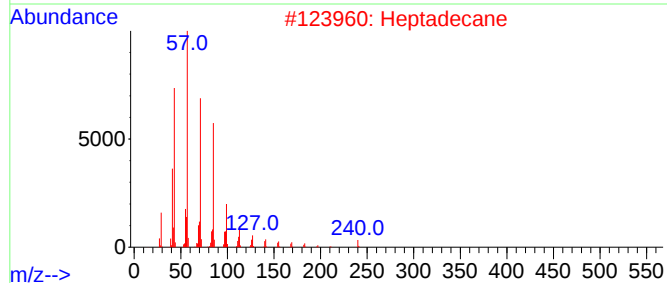
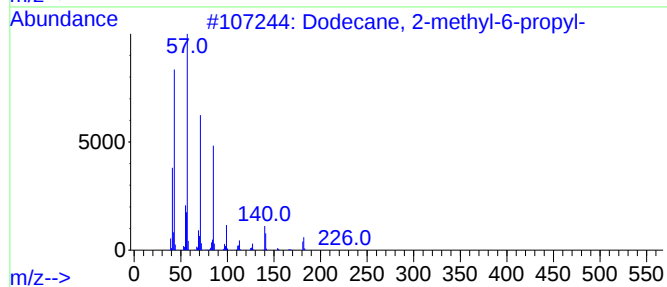
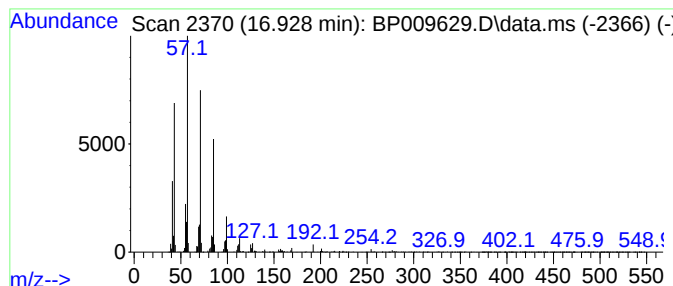
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Dodecane, 2-methyl-6-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.928	2.57 ng	377182	Phenanthrene-d10	17.157

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2		Heptadecane	240	C17H36	000629-78-7	87
3		Hexadecane	226	C16H34	000544-76-3	86
4		Nonadecane	268	C19H40	000629-92-5	86
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009629.D
Acq On : 30 Mar 2022 21:02
Operator : CG/JU
Sample : N2155-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-D

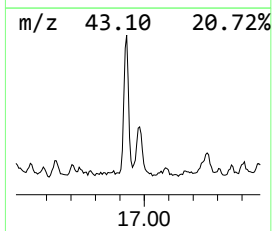
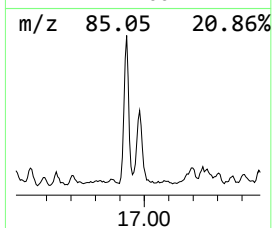
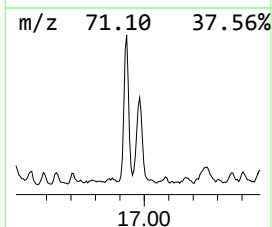
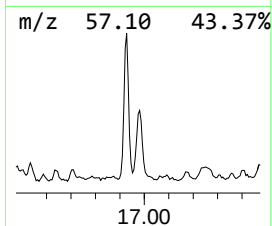
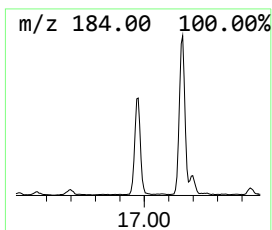
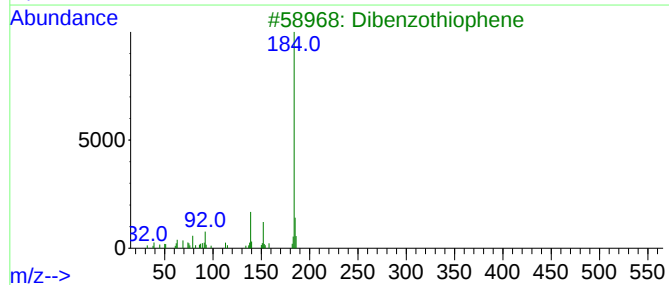
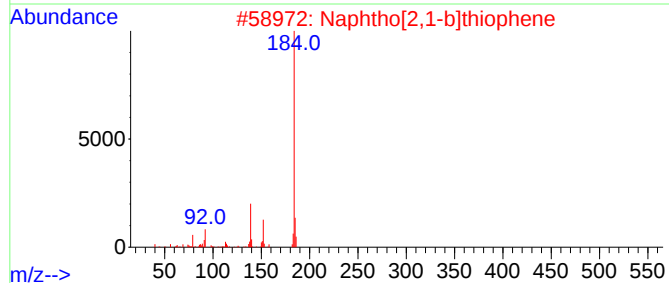
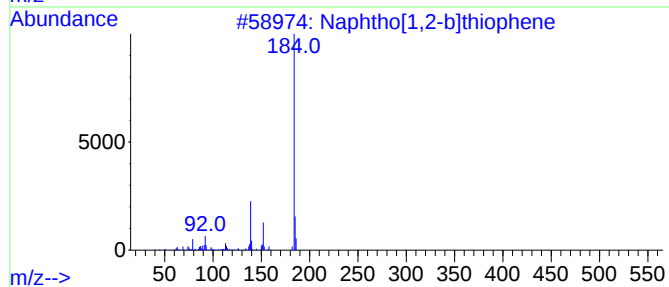
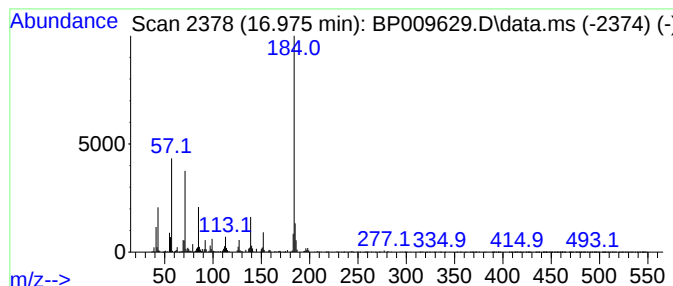
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphtho[1,2-b]thiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.975	3.73 ng	547085	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	86
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	86
3			Dibenzothiophene	184	C12H8S	000132-65-0	86
4			Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	70
5			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009629.D
Acq On : 30 Mar 2022 21:02
Operator : CG/JU
Sample : N2155-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

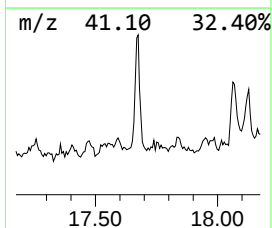
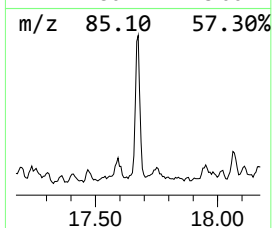
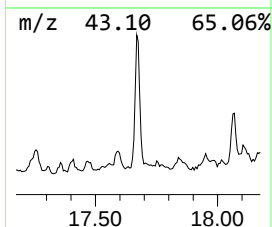
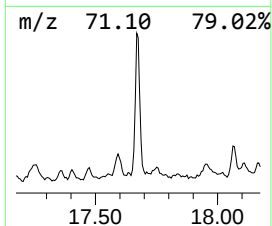
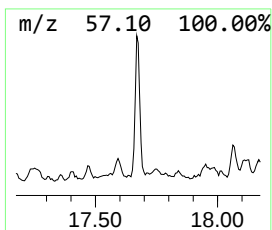
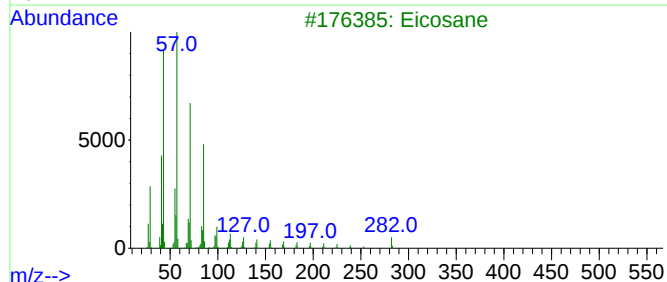
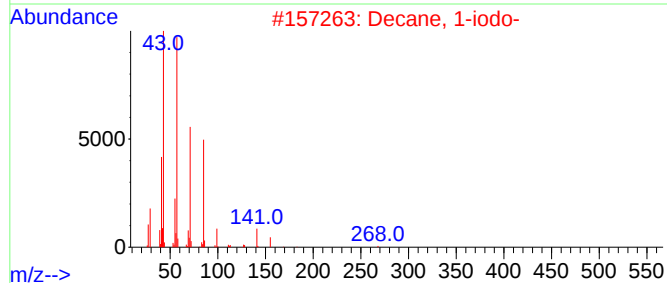
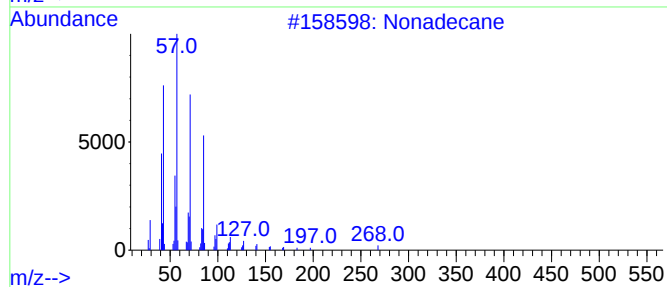
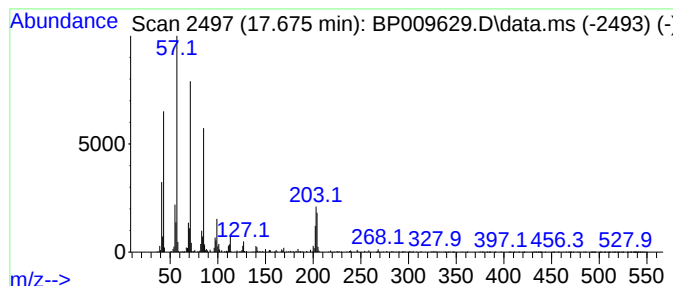
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Decane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.675	2.96 ng	433596	Phenanthrene-d10	17.157	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	83
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	68
3	Eicosane	282	C20H42	000112-95-8	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Heptacosane	380	C27H56	000593-49-7	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009629.D
Acq On : 30 Mar 2022 21:02
Operator : CG/JU
Sample : N2155-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

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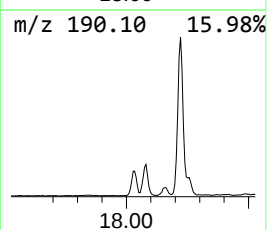
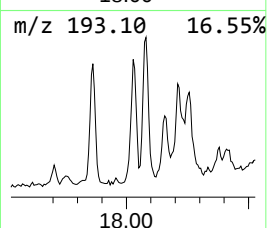
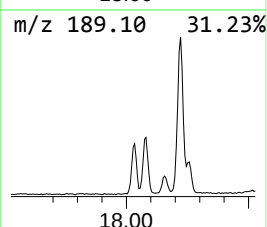
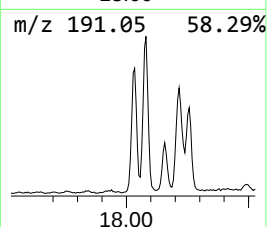
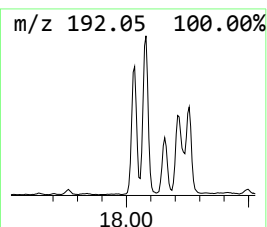
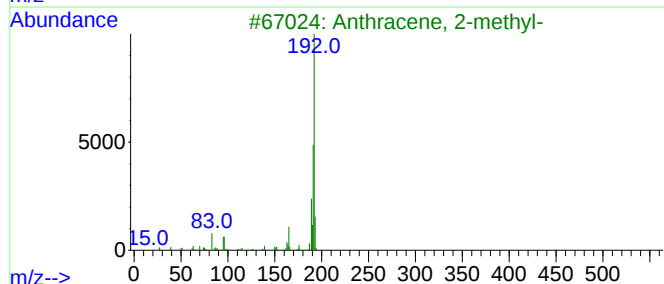
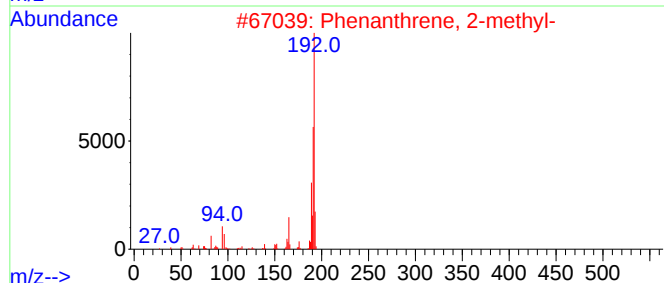
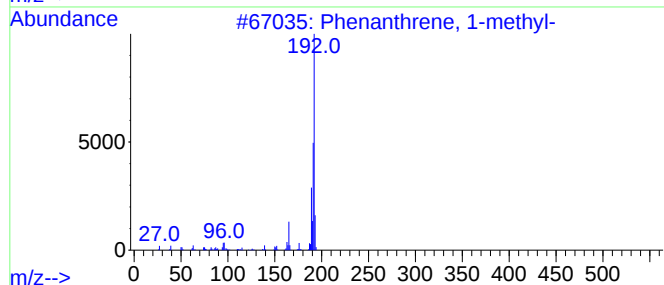
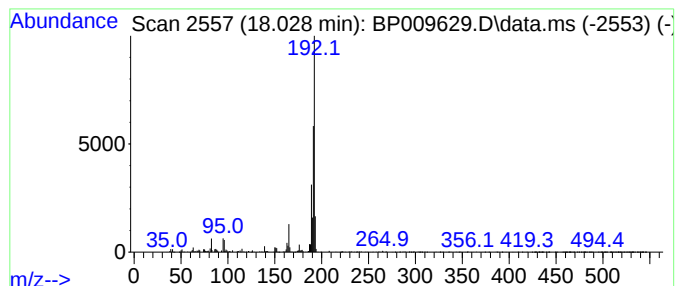
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.028	3.39 ng	497433	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009629.D
Acq On : 30 Mar 2022 21:02
Operator : CG/JU
Sample : N2155-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-D

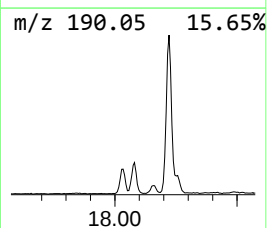
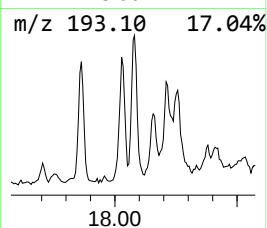
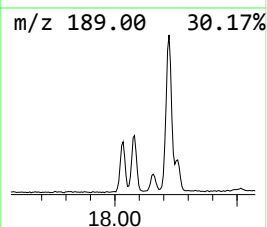
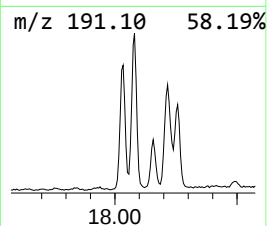
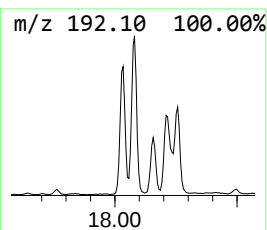
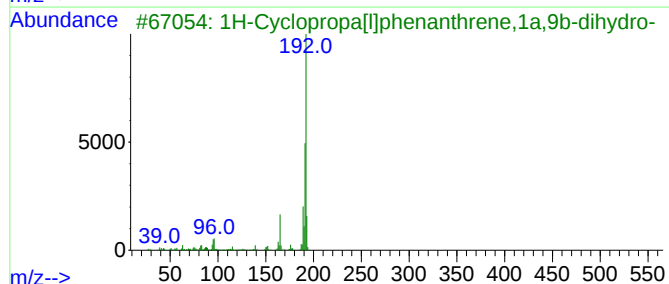
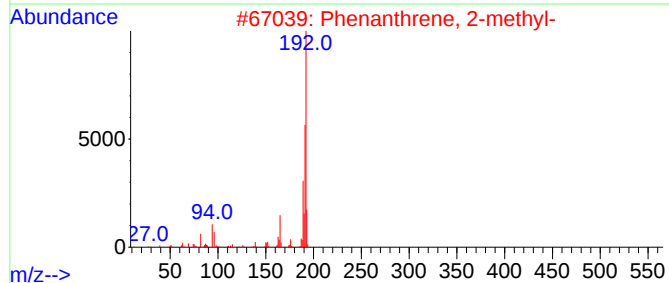
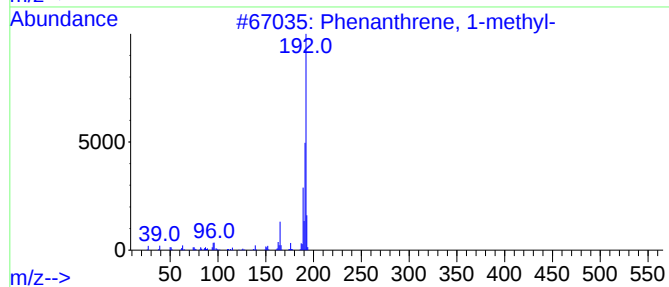
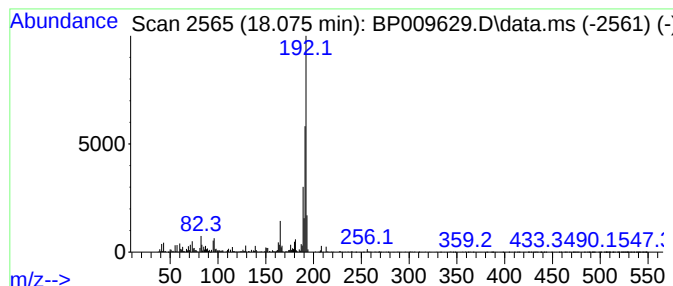
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	5.59 ng	819203	Phenanthrene-d10	17.157

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009629.D
Acq On : 30 Mar 2022 21:02
Operator : CG/JU
Sample : N2155-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-D

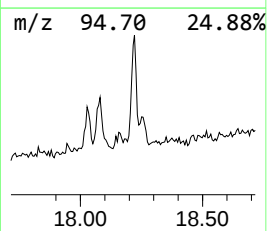
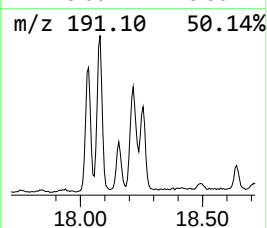
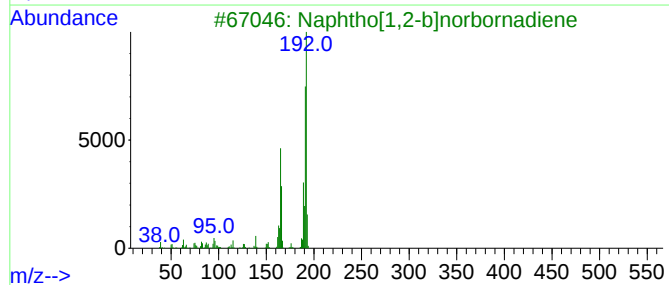
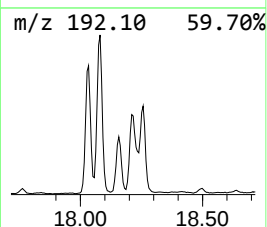
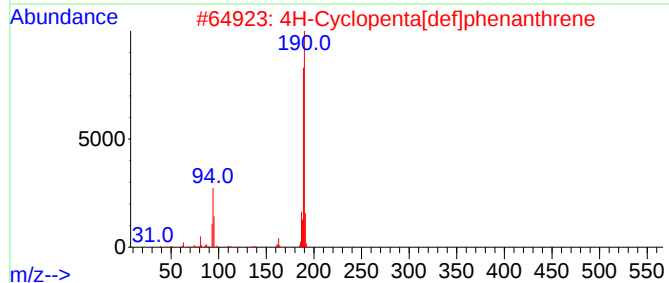
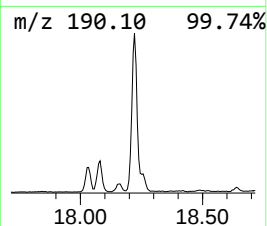
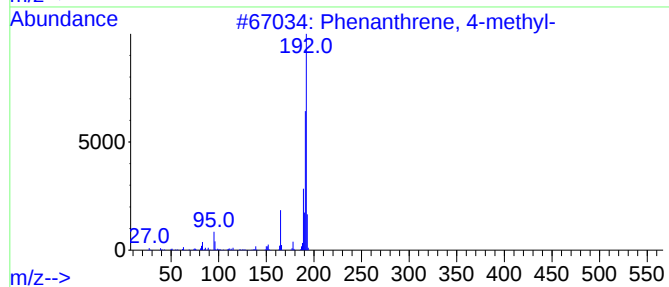
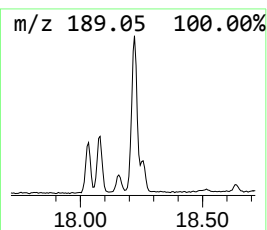
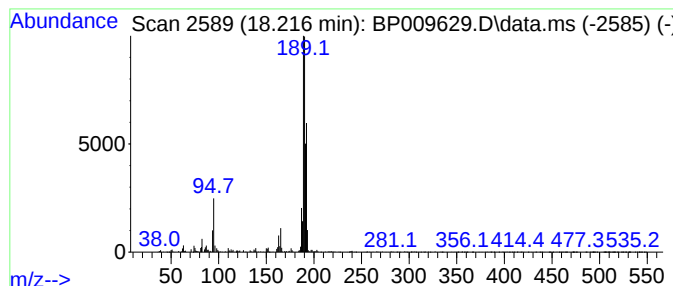
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	4.91 ng	720061	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	70
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3			Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	42
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009629.D
Acq On : 30 Mar 2022 21:02
Operator : CG/JU
Sample : N2155-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-D

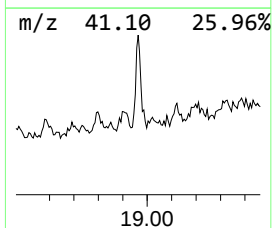
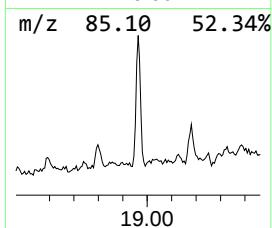
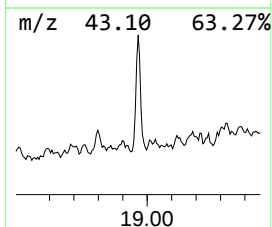
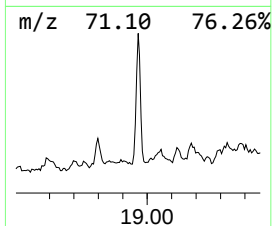
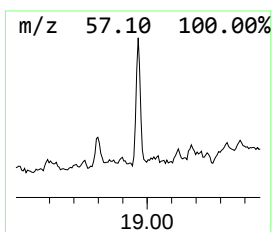
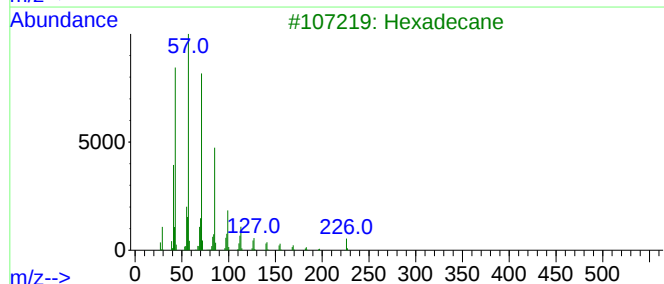
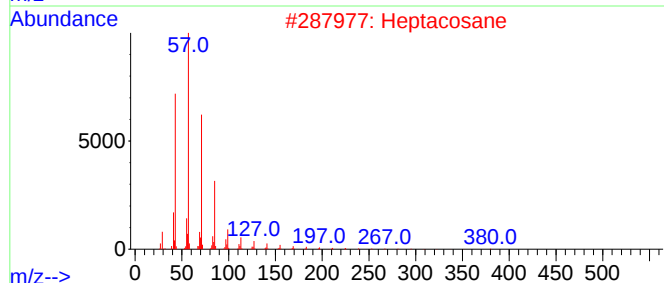
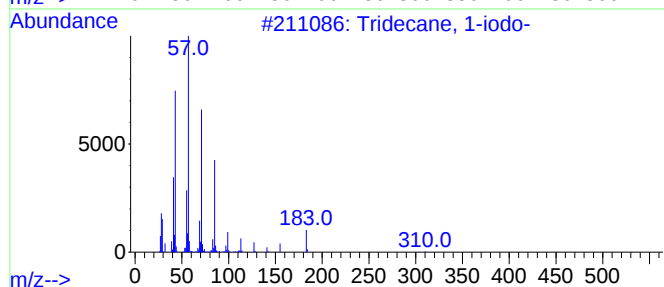
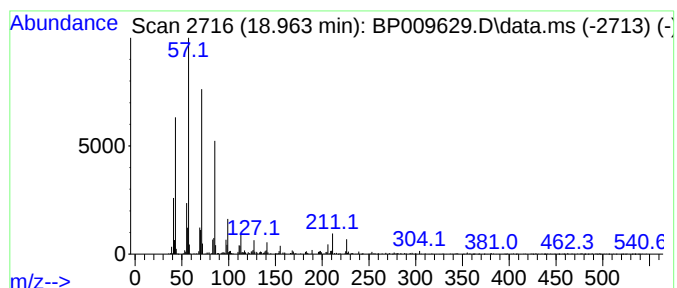
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Tridecane, 1-iodo- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.963	2.95 ng	431628	Phenanthrene-d10	17.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2			Heptacosane	380	C27H56	000593-49-7	93
3			Hexadecane	226	C16H34	000544-76-3	91
4			Eicosane, 9-octyl-	394	C28H58	013475-77-9	87
5			Tetratriacontane, 2-methyl-	493	C35H72	014167-65-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009629.D
Acq On : 30 Mar 2022 21:02
Operator : CG/JU
Sample : N2155-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-D

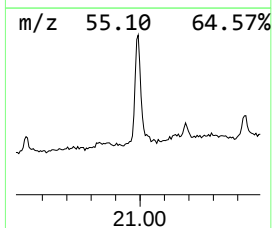
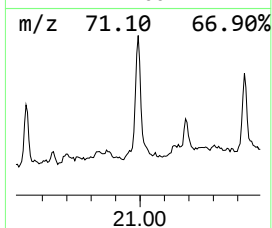
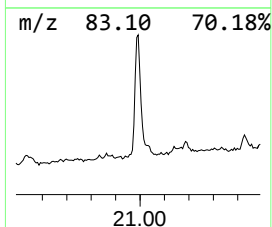
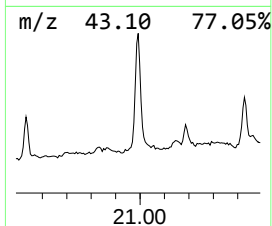
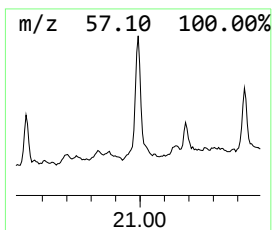
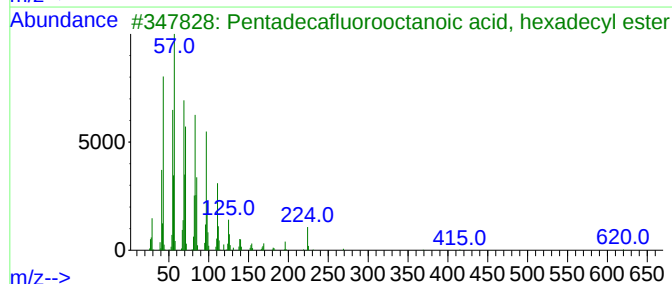
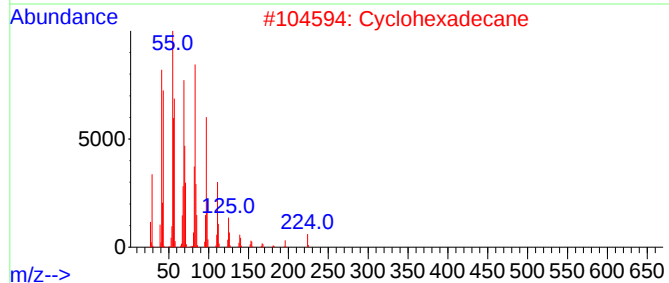
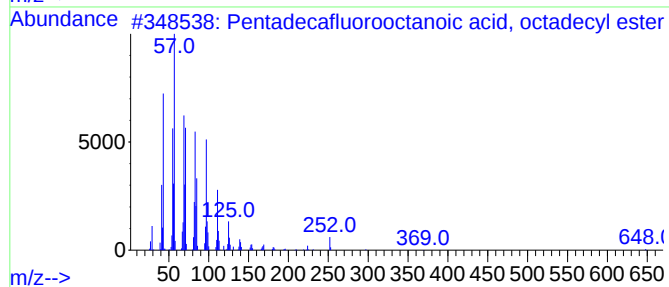
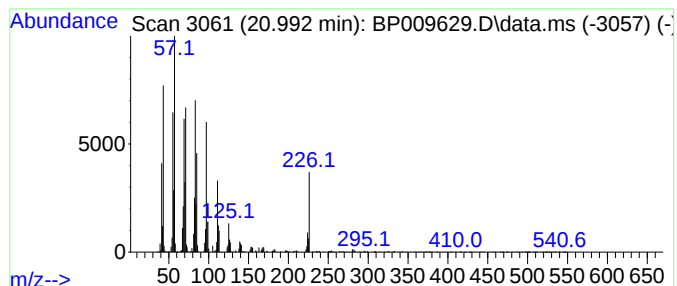
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Pentadecafluorooctanoic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	7.55 ng	2080240	Chrysene-d12	21.274

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
2			Cyclohexadecane	224	C16H32	000295-65-8	92
3			Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	90
4			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
5			7-Hexadecene, (Z)-	224	C16H32	035507-09-6	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009629.D
Acq On : 30 Mar 2022 21:02
Operator : CG/JU
Sample : N2155-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-D

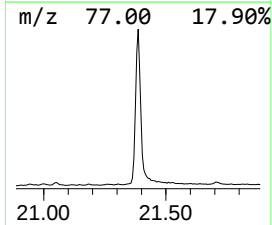
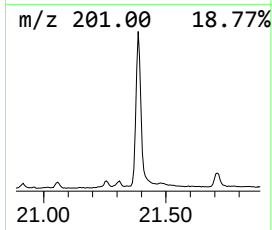
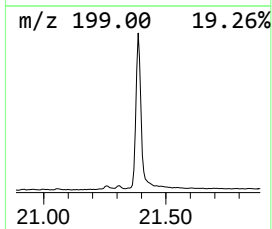
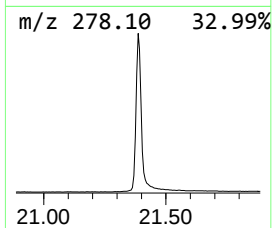
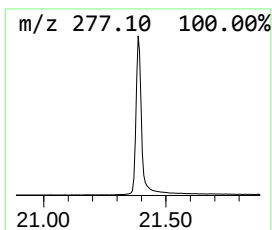
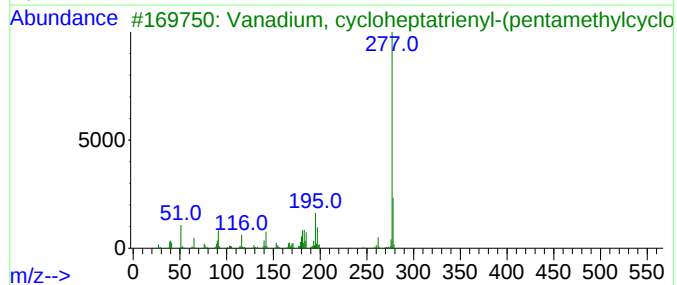
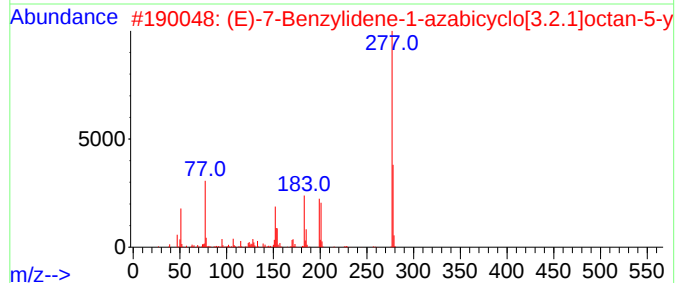
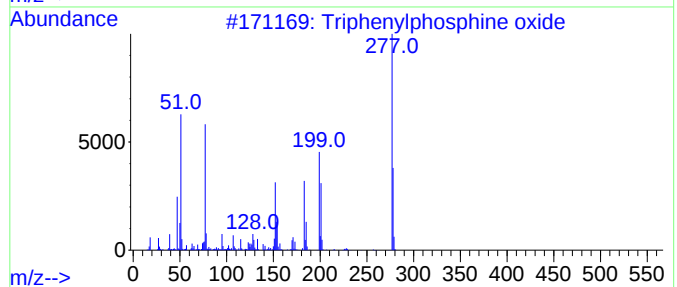
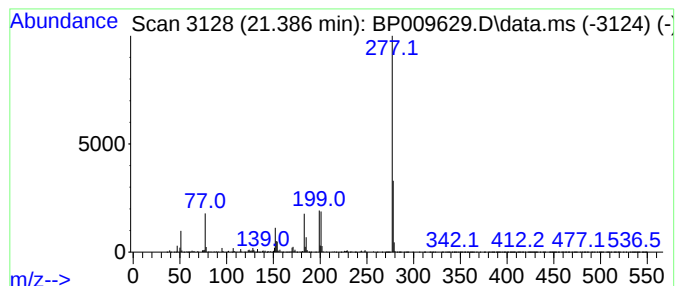
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Triphenylphosphine oxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.386	22.38 ng	6164790	Chrysene-d12	21.274

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylphosphine oxide	278	C18H15OP	000791-28-6	94
2			(E)-7-Benzylidene-1-azabicyclo[3...]	293	C15H19NO3S	1000483-83-4	91
3			Vanadium, cycloheptatrienyl-(pen...	277	C17H22V	1000155-20-5	40
4			Formaldehyde, (triphenylphosphor...	304	C19H17N2P	015990-54-2	36
5			5-Methyl-8-phenylfuro[3',2':5,6]...	277	C16H11N3O2	1000460-07-9	28



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP033022\
Data File : BP009629.D
Acq On : 30 Mar 2022 21:02
Operator : CG/JU
Sample : N2155-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
22L076-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Penten-2-one,...	4.287	35.6	ng	2362120	1	7.740	1327360	20.0
2-Pentanone, 4-...	4.881	59.8	ng	3966760	1	7.740	1327360	20.0
Neopentyl glycol	6.252	16.4	ng	1086800	1	7.740	1327360	20.0
Ethanol, 2-(2-b...	10.322	20.0	ng	1642260	2	10.534	1639920	20.0
Bacchotricuneat...	11.975	3.8	ng	312801	2	10.534	1639920	20.0
Tetradecane	13.222	3.8	ng	541904	3	14.387	2849210	20.0
Naphthalene, 1,...	13.551	2.9	ng	416088	3	14.387	2849210	20.0
Naphthalene, 2,...	13.710	2.6	ng	368333	3	14.387	2849210	20.0
Nonadecane	14.304	3.3	ng	468493	3	14.387	2849210	20.0
Hexadecane	15.257	2.8	ng	402549	3	14.387	2849210	20.0
Tridecane	16.128	4.6	ng	674730	4	17.157	2930560	20.0
Dodecane, 2-met...	16.928	2.6	ng	377182	4	17.157	2930560	20.0
Naphtho[1,2-b]t...	16.975	3.7	ng	547085	4	17.157	2930560	20.0
Decane, 1-iodo-	17.675	3.0	ng	433596	4	17.157	2930560	20.0
Phenanthrene, 1...	18.028	3.4	ng	497433	4	17.157	2930560	20.0
Phenanthrene, 2...	18.075	5.6	ng	819203	4	17.157	2930560	20.0
Phenanthrene, 4...	18.216	4.9	ng	720061	4	17.157	2930560	20.0
Tridecane, 1-iodo-	18.963	3.0	ng	431628	4	17.157	2930560	20.0
Pentadecafluoro...	20.992	7.5	ng	2080240	5	21.274	5508900	20.0
Triphenylphosph...	21.386	22.4	ng	6164790	5	21.274	5508900	20.0