

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
 Data File : BF126821.D
 Acq On : 04 Feb 2022 19:53
 Operator : CG/JU
 Sample : N1378-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ASTORIA-YARD-PIT-11-STOCKPILE

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_F\Methods\8270-BF020222.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126821.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.287	27	34	40	rVB	377908	488612	13.23%	1.075%
2	4.081	334	339	345	rVB	64803	80337	2.18%	0.177%
3	5.192	524	528	533	rBV	41927	52024	1.41%	0.114%
4	5.569	586	592	595	rBV	3666811	3506679	94.96%	7.712%
5	5.792	626	630	636	rBV2	209293	218754	5.92%	0.481%
6	6.563	756	761	769	rBV	3163840	3692642	100.00%	8.121%
7	6.775	793	797	802	rBV3	237024	294664	7.98%	0.648%
8	6.816	802	804	810	rVB	100191	105755	2.86%	0.233%
9	6.945	823	826	829	rBV	1152054	886478	24.01%	1.949%
10	7.210	865	871	875	rBV	106474	134197	3.63%	0.295%
11	7.345	890	894	897	rVB2	45993	44718	1.21%	0.098%
12	7.510	917	922	925	rBV	2599551	2372502	64.25%	5.217%
13	7.557	927	930	935	rBV3	43684	56037	1.52%	0.123%
14	7.681	947	951	953	rBV	58215	50102	1.36%	0.110%
15	7.804	969	972	975	rBV	342825	298839	8.09%	0.657%
16	7.975	997	1001	1005	rBV3	53091	79101	2.14%	0.174%
17	8.128	1024	1027	1031	rBV	106432	146664	3.97%	0.323%
18	8.169	1031	1034	1036	rVB2	55493	58551	1.59%	0.129%
19	8.228	1041	1044	1046	rVV	1349522	1170335	31.69%	2.574%
20	8.251	1046	1048	1051	rVB	450189	329873	8.93%	0.725%
21	8.439	1078	1080	1083	rVB	252678	199136	5.39%	0.438%
22	8.504	1087	1091	1094	rBV	318060	285965	7.74%	0.629%
23	8.810	1136	1143	1148	rBV2	62794	80151	2.17%	0.176%
24	8.939	1162	1165	1168	rVB2	336560	272652	7.38%	0.600%
25	8.998	1172	1175	1178	rBV	80775	71450	1.93%	0.157%
26	9.039	1178	1182	1185	rBV	216106	179686	4.87%	0.395%
27	9.110	1189	1194	1196	rBV	82803	86970	2.36%	0.191%
28	9.222	1210	1213	1215	rBV	107823	88106	2.39%	0.194%
29	9.304	1222	1227	1230	rBV	4088891	3532877	95.67%	7.769%
30	9.375	1236	1239	1242	rBV2	159733	146397	3.96%	0.322%
31	9.404	1242	1244	1246	rVV	75487	60641	1.64%	0.133%
32	9.433	1246	1249	1252	rVV	73372	64559	1.75%	0.142%
33	9.569	1269	1272	1275	rVB2	69153	84148	2.28%	0.185%
34	9.604	1275	1278	1281	rBV3	39183	46140	1.25%	0.101%
35	9.639	1281	1284	1287	rBV2	120820	136622	3.70%	0.300%
36	9.692	1290	1293	1300	rVB3	203718	238695	6.46%	0.525%

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

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37	9.757	1300	1304	1306	rBV3	88767	109730	2.97%	0.241%
38	9.845	1316	1319	1322	rBV	450722	438394	11.87%	0.964%
39	9.898	1325	1328	1331	rVB2	305814	328558	8.90%	0.723%
40	9.933	1331	1334	1336	rBV3	106247	131718	3.57%	0.290%
41	9.986	1340	1343	1346	rVB	1543860	1273416	34.49%	2.800%
42	10.022	1346	1349	1354	rBV3	149521	223288	6.05%	0.491%
43	10.180	1374	1376	1379	rBV3	74257	83146	2.25%	0.183%
44	10.304	1393	1397	1398	rBV4	157799	185052	5.01%	0.407%
45	10.322	1398	1400	1403	rVV3	192056	213454	5.78%	0.469%
46	10.357	1404	1406	1409	rVV3	144199	163448	4.43%	0.359%
47	10.392	1409	1412	1417	rVV3	477749	531389	14.39%	1.169%
48	10.445	1418	1421	1426	rVV4	178395	280818	7.60%	0.618%
49	10.533	1433	1436	1443	rBV3	180557	324597	8.79%	0.714%
50	10.780	1474	1478	1482	rBV	2091980	2073416	56.15%	4.560%
51	11.139	1536	1539	1541	rBV	297378	295162	7.99%	0.649%
52	11.480	1594	1597	1599	rBV	1132139	1087207	29.44%	2.391%
53	11.504	1599	1601	1605	rVB	962853	896616	24.28%	1.972%
54	12.021	1683	1689	1693	rVB2	2723415	3690310	99.94%	8.115%
55	12.704	1801	1805	1806	rBV	1144535	1179317	31.94%	2.593%
56	12.721	1806	1808	1817	rVV	1200864	1787472	48.41%	3.931%
57	12.792	1817	1820	1824	rVB2	563223	525396	14.23%	1.155%
58	12.933	1841	1844	1847	rVB	1325390	1050594	28.45%	2.310%
59	13.074	1864	1868	1875	rVB	2362269	2427458	65.74%	5.338%
60	14.127	2042	2047	2050	rBV2	914820	1322815	35.82%	2.909%
61	14.157	2050	2052	2057	rVB	575926	534207	14.47%	1.175%
62	14.515	2111	2113	2116	rVB	188126	149542	4.05%	0.329%
63	14.545	2116	2118	2121	rVB	118828	113893	3.08%	0.250%
64	14.645	2132	2135	2137	rBV	111768	110360	2.99%	0.243%
65	15.192	2224	2228	2236	rBV	479960	961327	26.03%	2.114%
66	15.309	2245	2248	2251	rVB	130182	140147	3.80%	0.308%
67	15.515	2279	2283	2289	rVB	396260	510980	13.84%	1.124%
68	15.580	2290	2294	2300	rVB	553173	670700	18.16%	1.475%
69	15.645	2301	2305	2309	rBV	511806	712233	19.29%	1.566%
70	16.851	2506	2510	2523	rVB7	100510	260091	7.04%	0.572%
71	17.192	2562	2568	2576	rVB2	253666	546485	14.80%	1.202%
72	17.662	2643	2648	2658	rVB	237080	499220	13.52%	1.098%

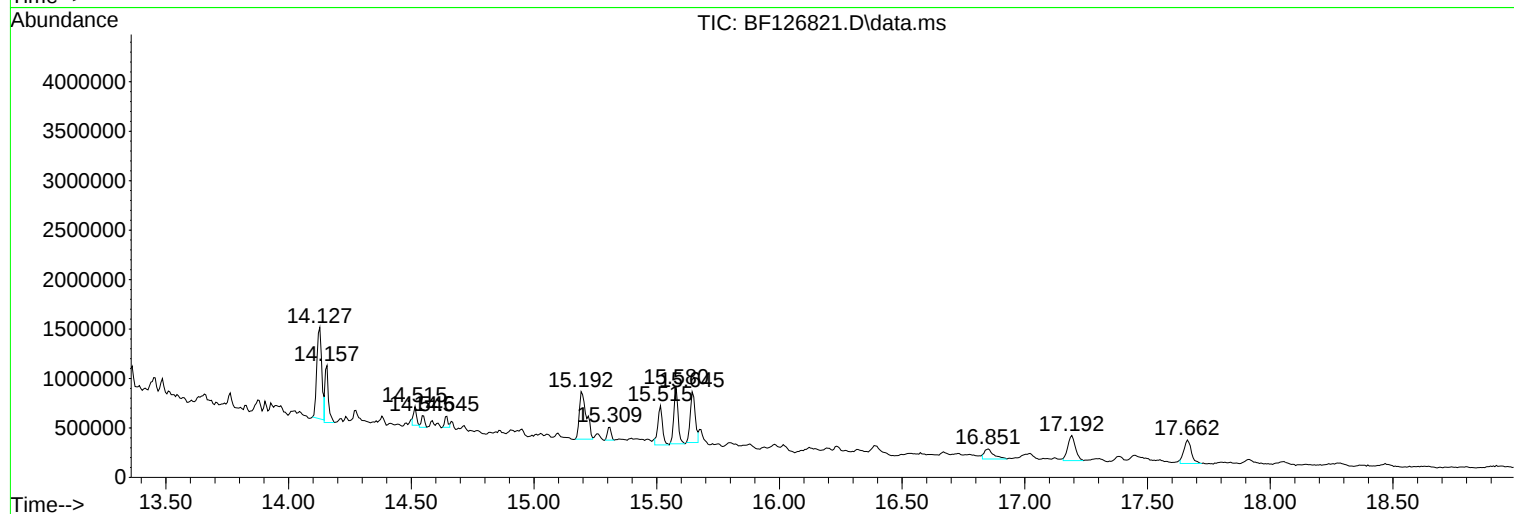
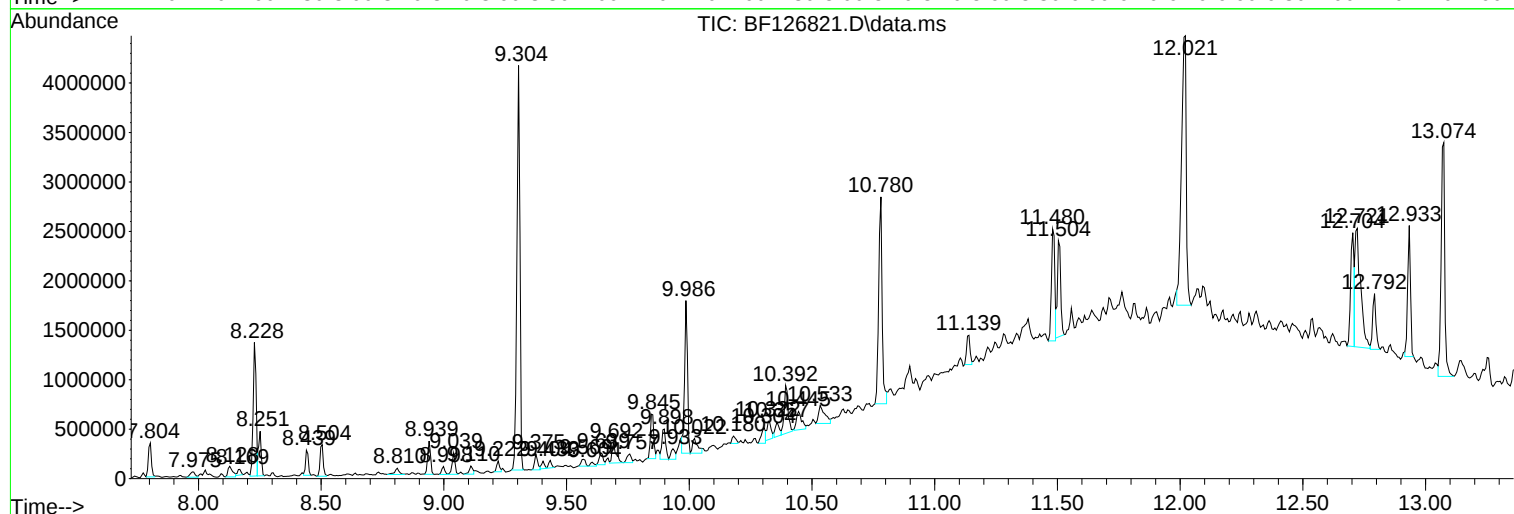
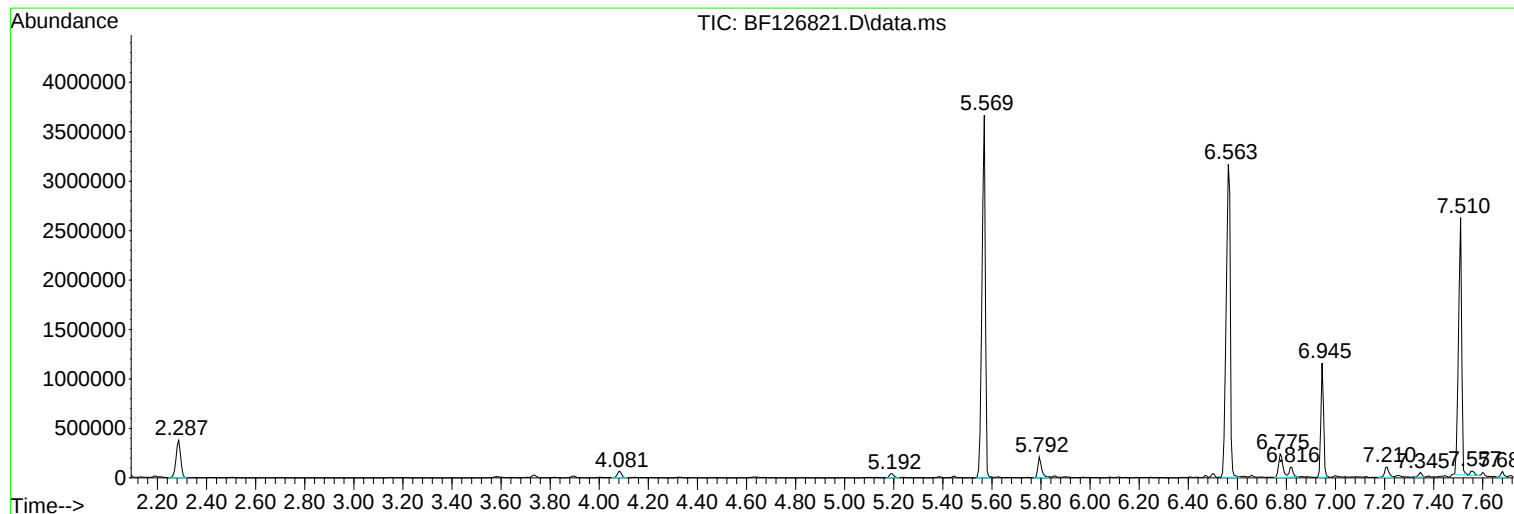
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Instrument :
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ClientSampleId :
ASTORIA-YARD-PIT-11-STOCKPILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.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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Sample : N1378-01
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Instrument :
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ClientSampleId :
ASTORIA-YARD-PIT-11-STOCKPILE

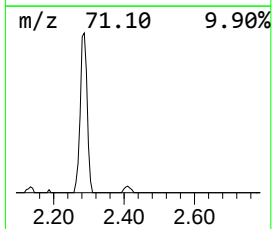
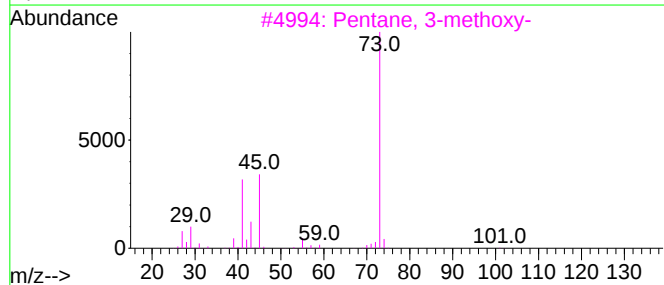
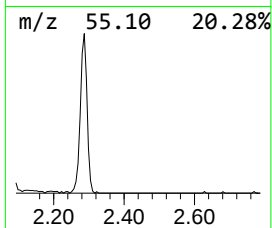
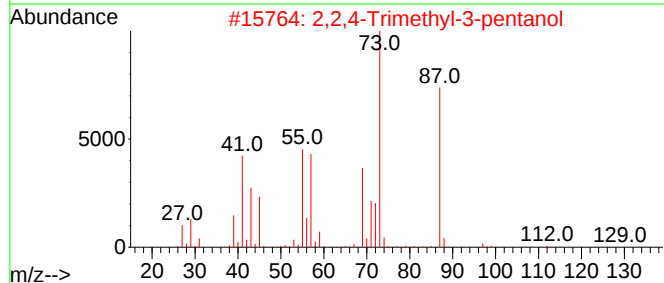
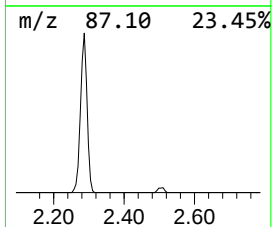
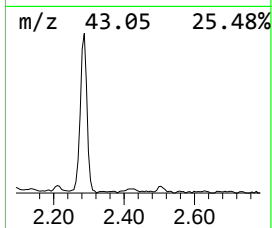
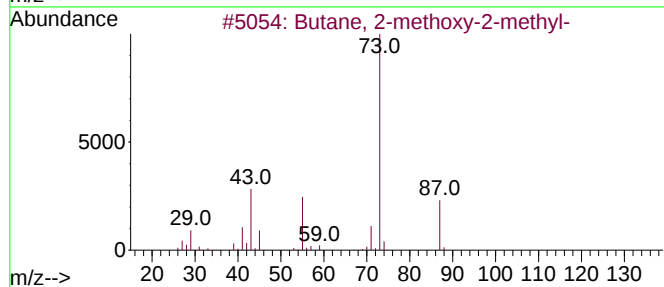
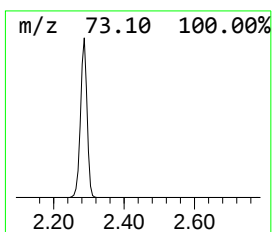
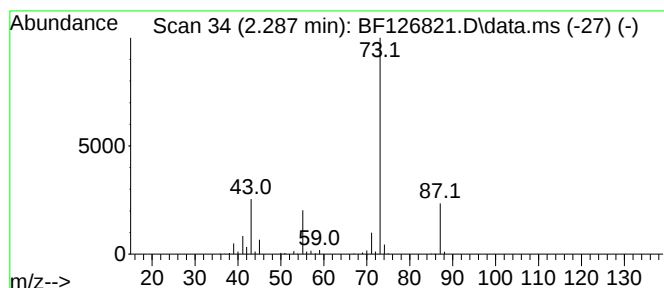
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.287	11.02 ng	488612	1,4-Dichlorobenzene-d4	6.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4			3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	17
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	16



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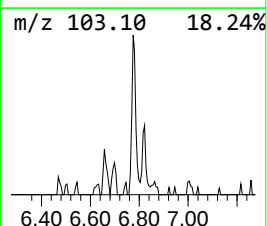
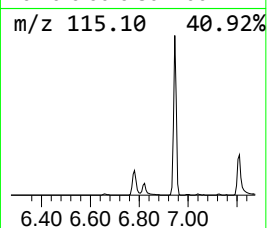
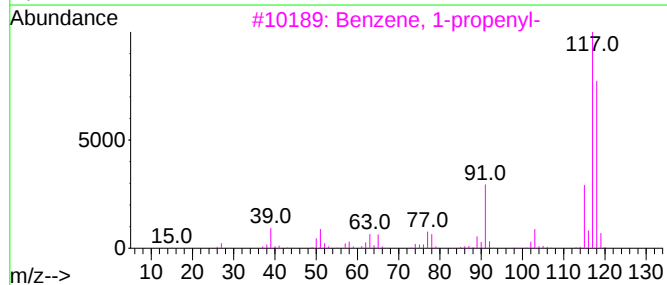
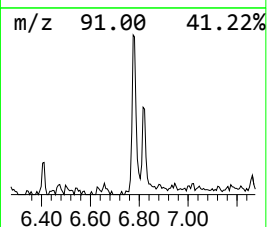
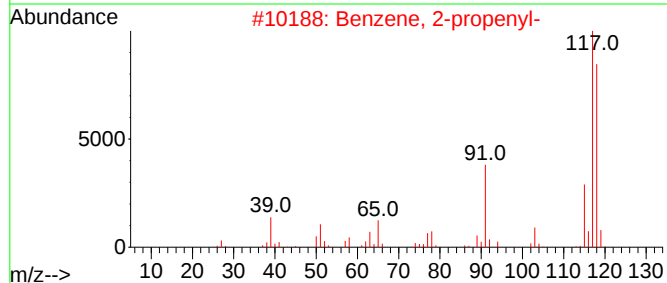
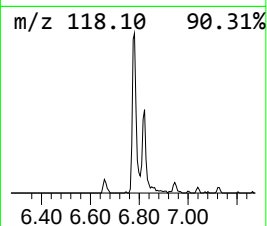
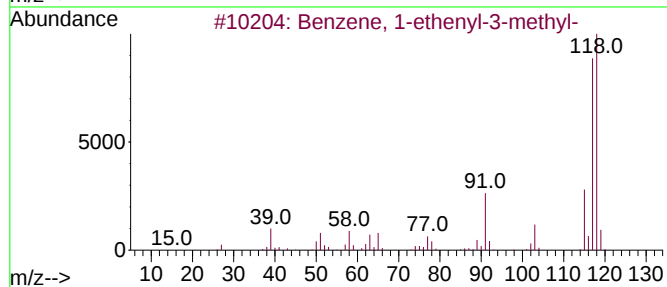
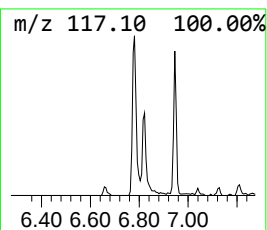
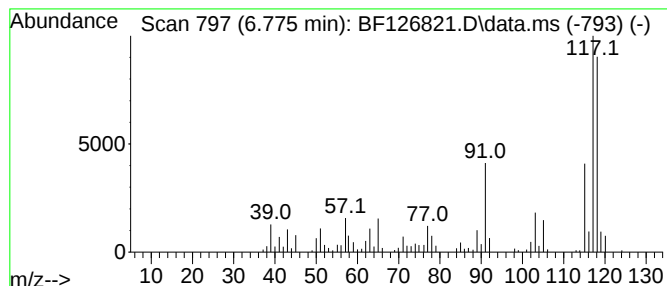
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Benzene, 1-ethenyl-3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.775	6.65 ng	294664	1,4-Dichlorobenzene-d4	6.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	95
2			Benzene, 2-propenyl-	118	C9H10	000300-57-2	94
3			Benzene, 1-propenyl-	118	C9H10	000637-50-3	94
4			Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	94
5			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94



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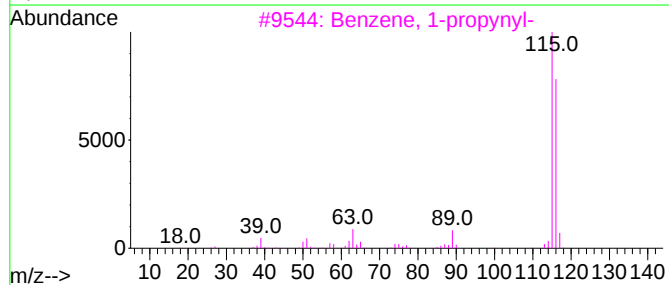
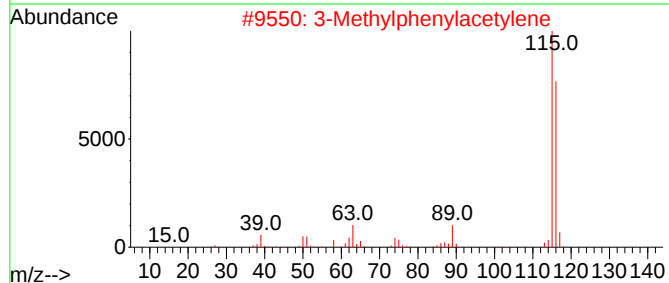
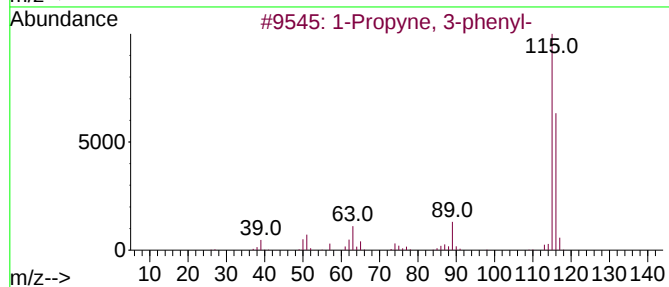
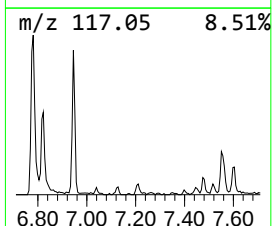
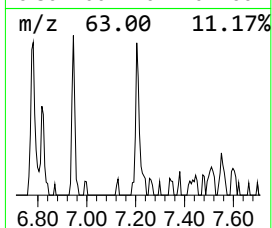
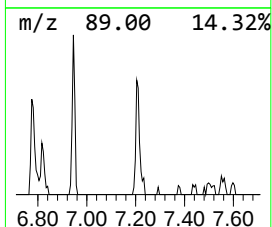
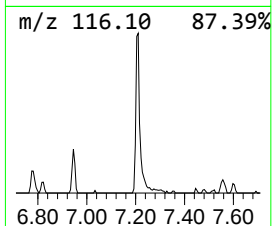
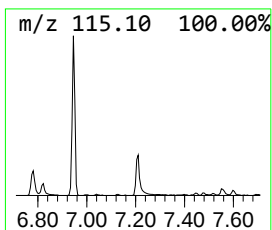
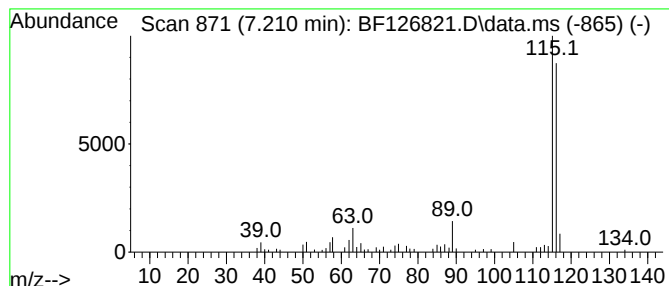
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1-Propyne, 3-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.210	3.03 ng	134197	1,4-Dichlorobenzene-d4	6.945

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	97
2			3-Methylphenylacetylene	116	C9H8	000766-82-5	95
3			Benzene, 1-propynyl-	116	C9H8	000673-32-5	95
4			Indene	116	C9H8	000095-13-6	94
5			Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90



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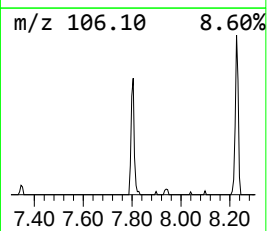
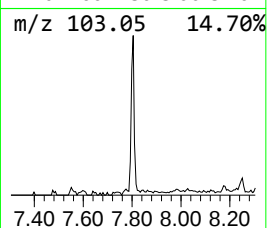
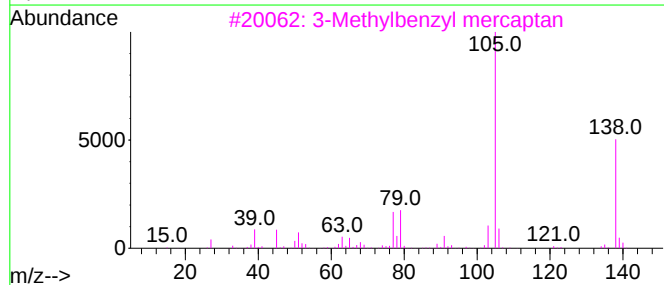
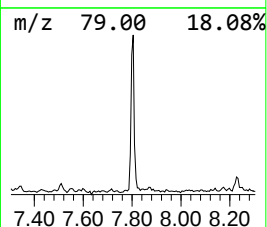
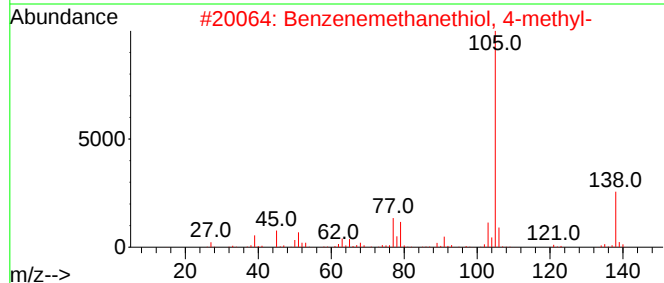
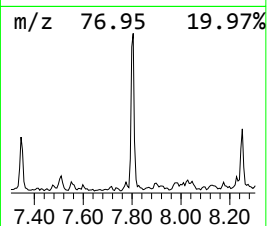
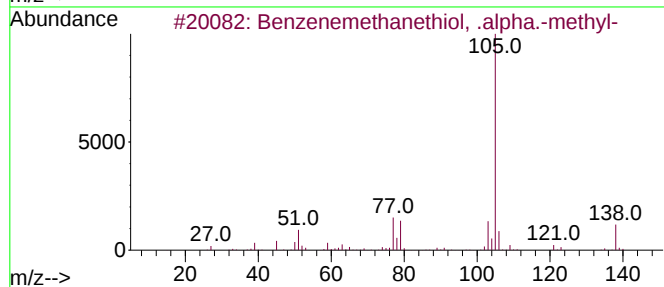
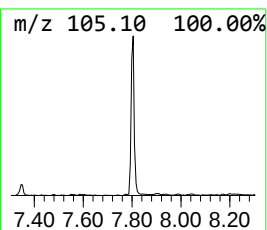
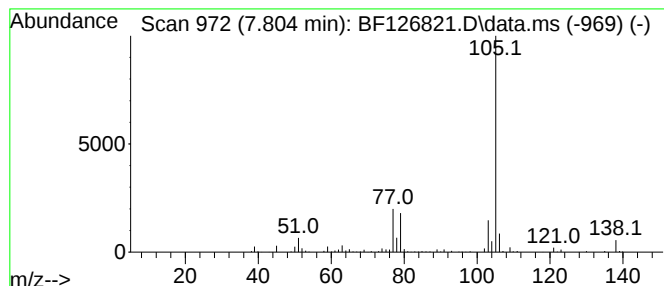
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzenemethanethiol, .alpha... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.804	5.11 ng	298839	Naphthalene-d8	8.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	91
2			Benzenemethanethiol, 4-methyl-	138	C8H10S	004498-99-1	86
3			3-Methylbenzyl mercaptan	138	C8H10S	025697-56-7	80
4			3,4-Dimethylthiophenol	138	C8H10S	018800-53-8	78
5			Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
Data File : BF126821.D
Acq On : 04 Feb 2022 19:53
Operator : CG/JU
Sample : N1378-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ASTORIA-YARD-PIT-11-STOCKPILE

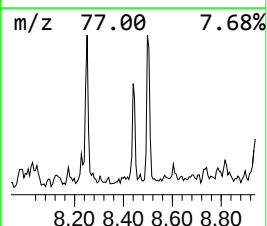
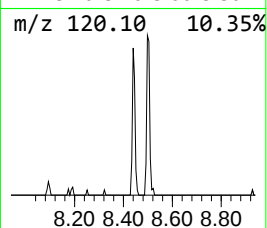
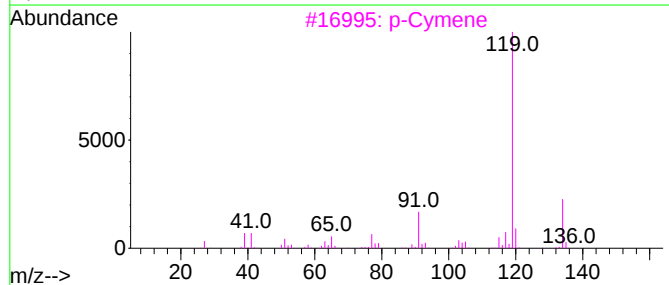
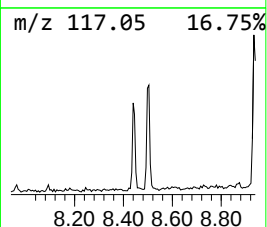
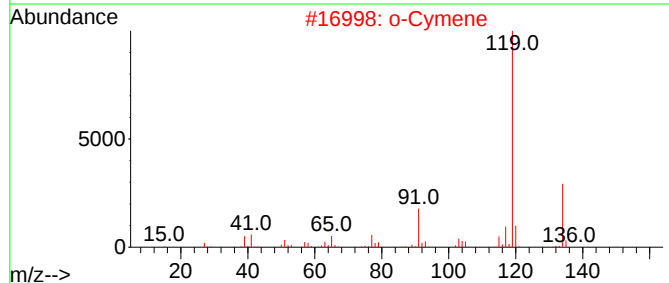
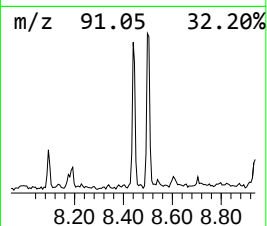
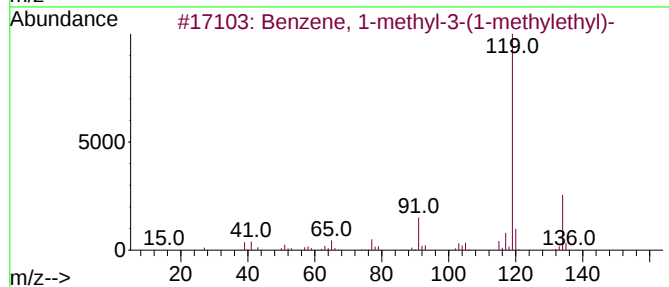
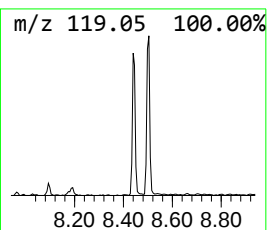
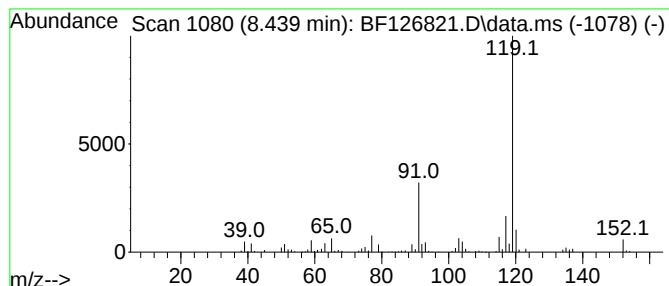
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-methyl-3-(1-meth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.439	3.40 ng	199136	Naphthalene-d8	8.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
2			o-Cymene	134	C10H14	000527-84-4	90
3			p-Cymene	134	C10H14	000099-87-6	90
4			Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	80
5			Diglycolic acid, 2-acetylphenyl ...	434	C25H38O6	1000382-72-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
Data File : BF126821.D
Acq On : 04 Feb 2022 19:53
Operator : CG/JU
Sample : N1378-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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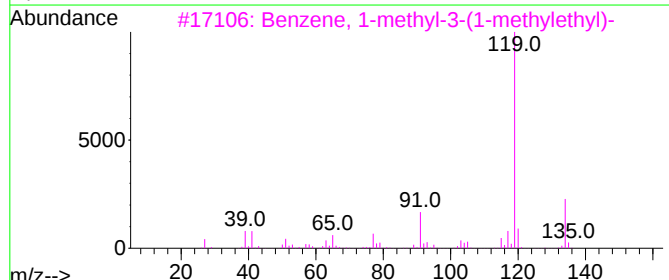
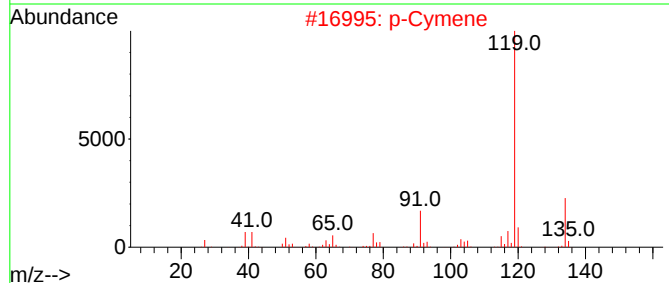
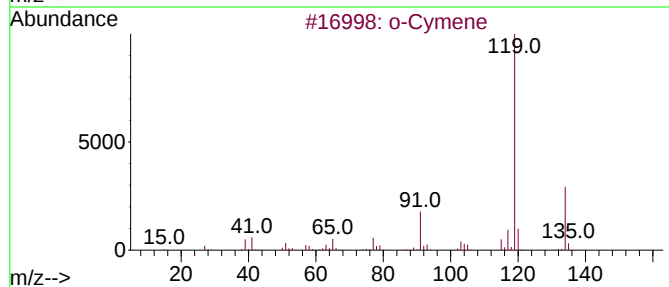
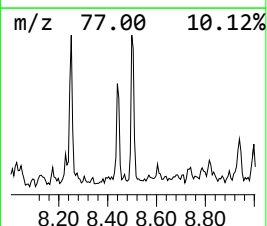
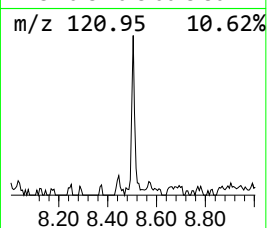
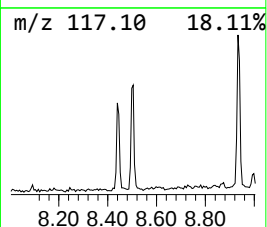
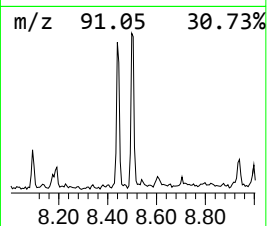
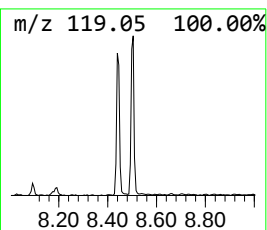
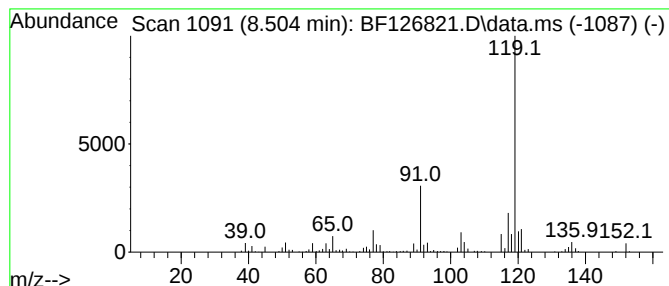
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 o-Cymene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.504	4.89 ng	285965	Naphthalene-d8	8.228

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			o-Cymene	134	C10H14	000527-84-4	87
2			p-Cymene	134	C10H14	000099-87-6	81
3			Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	74
4			1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	72
5			.alpha.,.alpha.-DIMETHYLBENZYL I...	206	C13H18O2	1000429-51-9	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
Data File : BF126821.D
Acq On : 04 Feb 2022 19:53
Operator : CG/JU
Sample : N1378-01
Misc :
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BNA_F
ClientSampleId :
ASTORIA-YARD-PIT-11-STOCKPILE

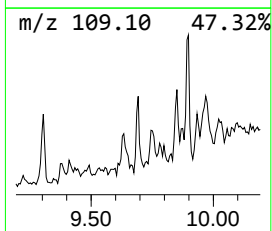
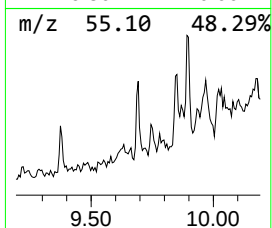
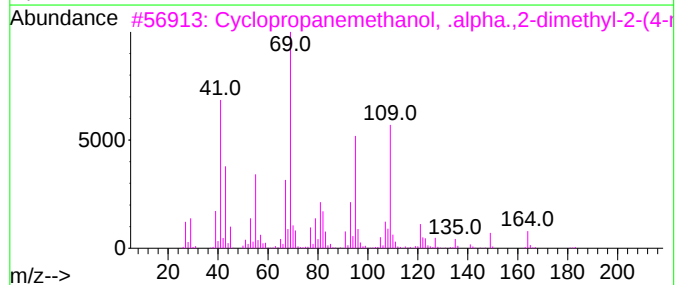
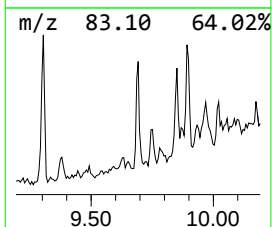
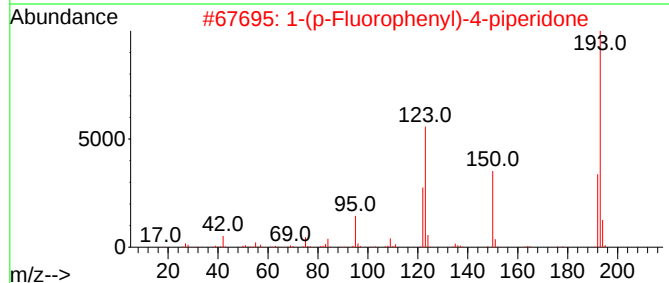
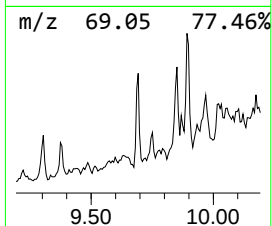
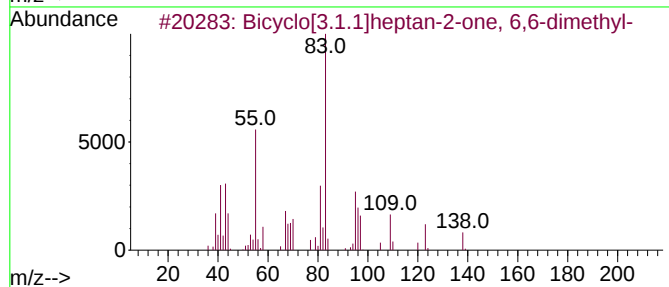
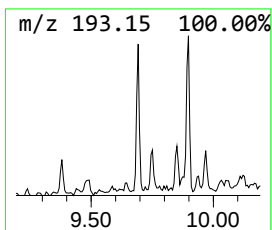
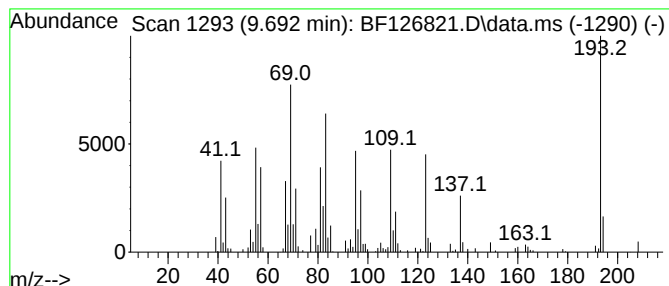
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown9.692 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.692	3.75 ng	238695	Acenaphthene-d10	9.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Bicyclo[3.1.1]heptan-2-one, 6,6-...	138	C9H14O	024903-95-5	22
2			1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	22
3			Cyclopropanemethanol, .alpha.,2-...	182	C12H22O	121959-70-4	16
4			2-Decanol, trifluoroacetate	254	C12H21F3O2	1010352-32-8	14
5			2-Anthracenamine	193	C14H11N	000613-13-8	14



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
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Operator : CG/JU
Sample : N1378-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

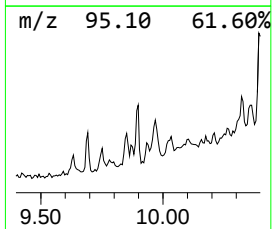
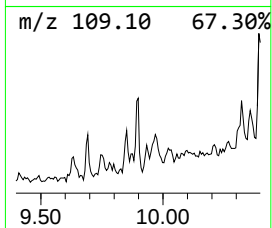
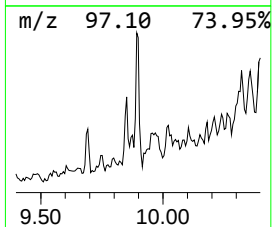
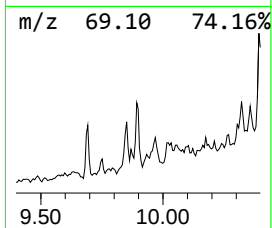
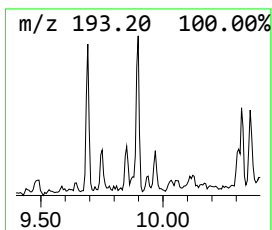
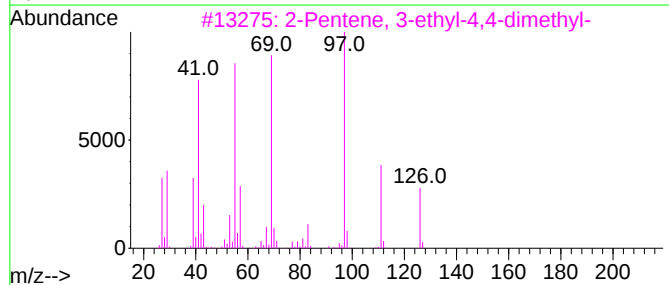
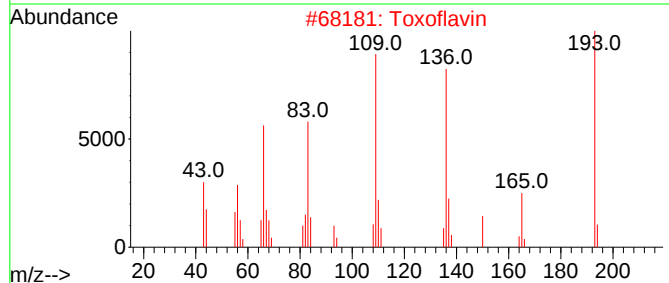
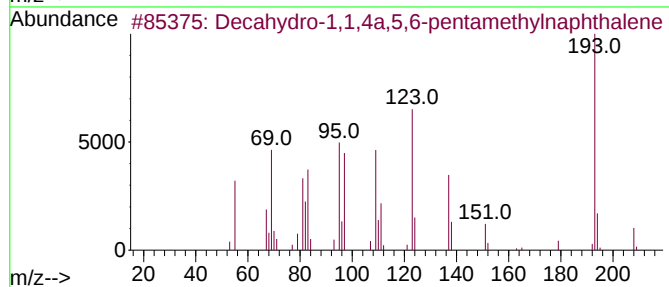
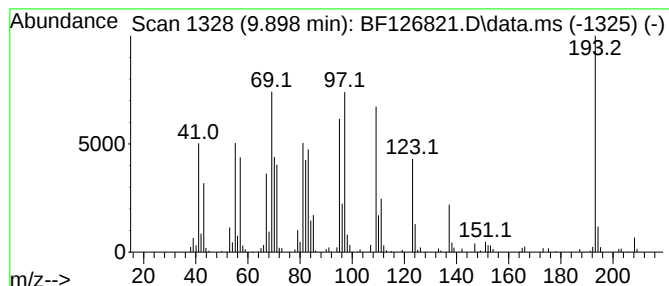
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown9.898 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD			R.T.
9.898	5.16 ng	328558	Acenaphthene-d10			9.986
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Decahydro-1,1,4a,5,6-pentamethyl...		208	C15H28	080655-44-3	38
2	Toxoflavin		193	C7H7N5O2	000084-82-2	38
3	2-Pentene, 3-ethyl-4,4-dimethyl-		126	C9H18	053907-59-8	27
4	4-Hexen-3-one, 4,5-dimethyl-		126	C8H14O	017325-90-5	25
5	(2,4-Dimethylcyclohexyl)methanol...		142	C9H18O	1000499-02-8	22



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
Data File : BF126821.D
Acq On : 04 Feb 2022 19:53
Operator : CG/JU
Sample : N1378-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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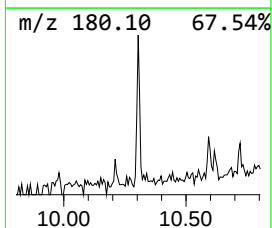
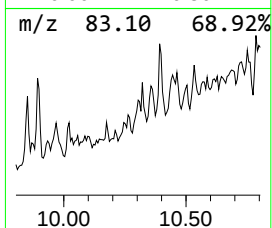
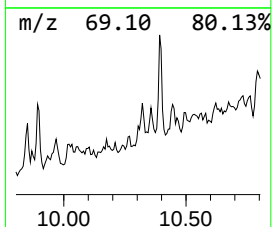
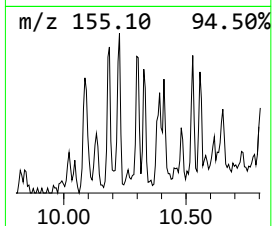
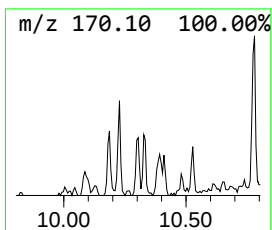
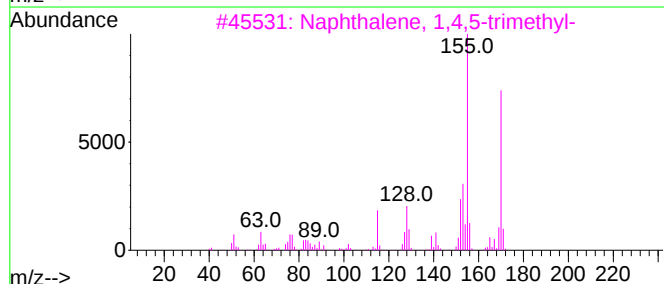
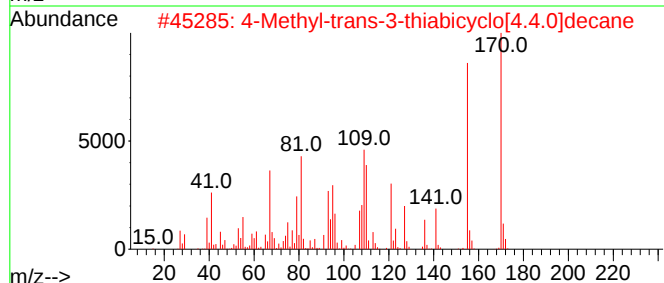
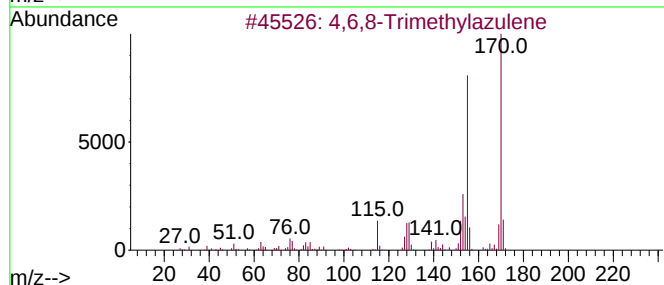
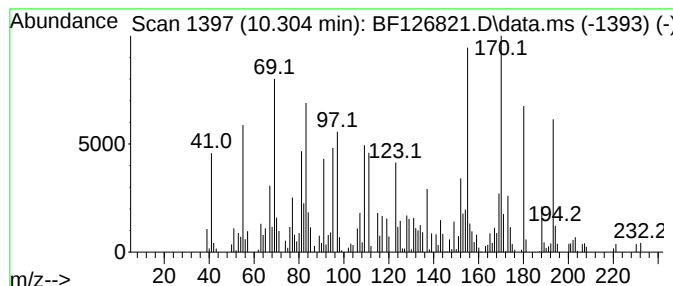
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 4,6,8-Trimethylazulene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.304	2.91 ng	185052	Acenaphthene-d10	9.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,6,8-Trimethylazulene	170	C13H14	000941-81-1	51
2			4-Methyl-trans-3-thiabicyclo[4.4...	170	C10H18S	1000491-53-7	43
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	38
4			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	38
5			3H-3,10a-Methano-1,2-benzodioxoc...	226	C13H22O3	095906-83-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
Data File : BF126821.D
Acq On : 04 Feb 2022 19:53
Operator : CG/JU
Sample : N1378-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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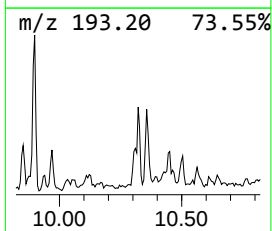
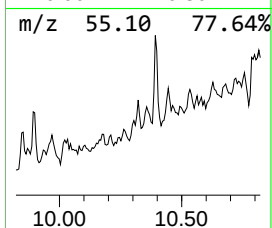
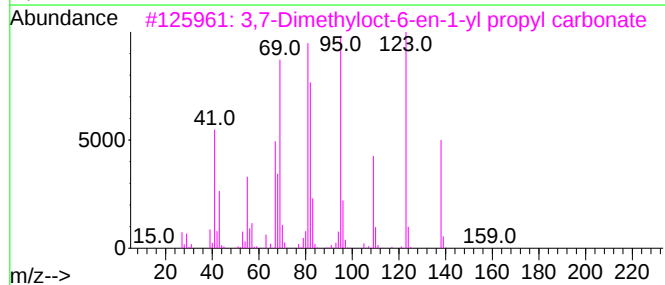
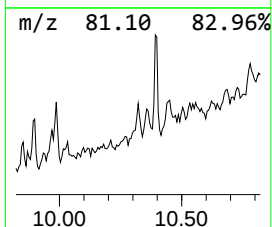
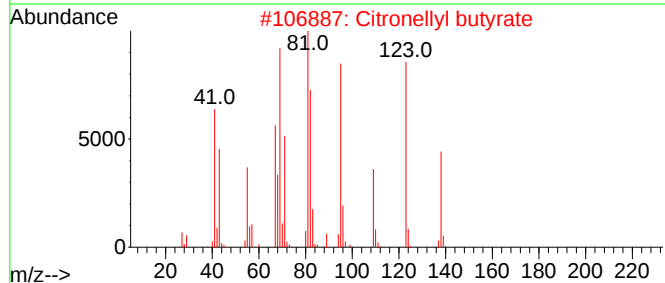
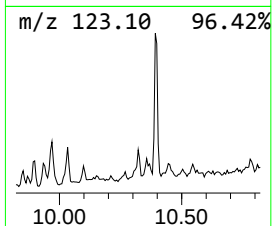
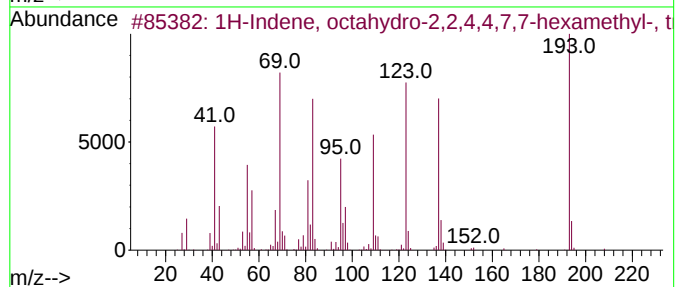
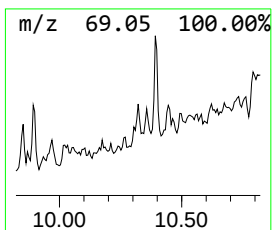
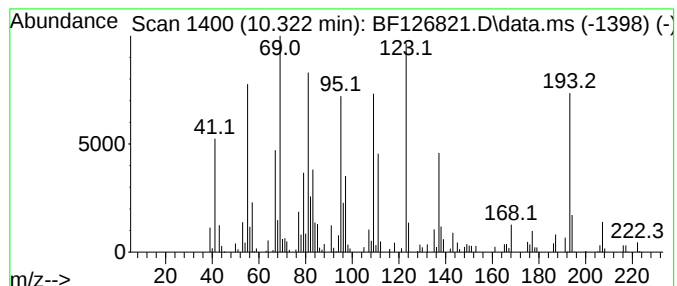
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 1H-Indene, octahydro-2,2,4,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.322	3.35 ng	213454	Acenaphthene-d10	9.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	70
2			Citronellyl butyrate	226	C14H26O2	000141-16-2	43
3			3,7-Dimethyloct-6-en-1-yl propyl...	242	C14H26O3	1000372-83-5	27
4			3,7-Dimethyloct-6-enyl ethyl car...	228	C13H24O3	1000373-78-1	27
5			Cyclopropane carboxamide, 2-cycl...	207	C13H21NO	331416-19-4	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
Data File : BF126821.D
Acq On : 04 Feb 2022 19:53
Operator : CG/JU
Sample : N1378-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
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ASTORIA-YARD-PIT-11-STOCKPILE

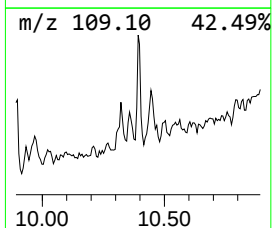
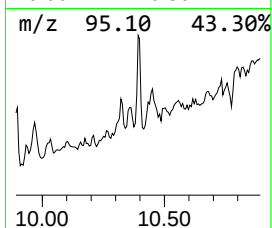
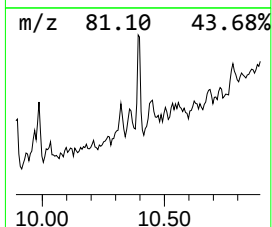
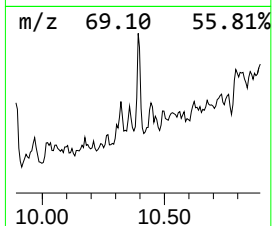
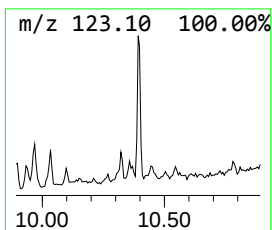
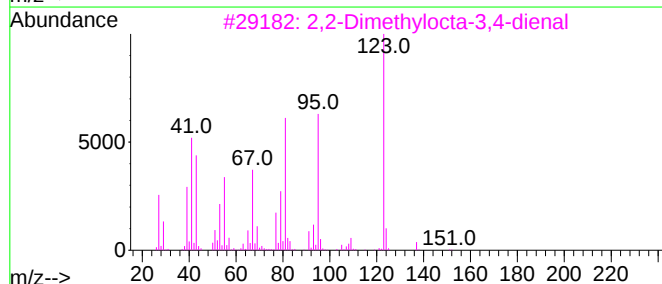
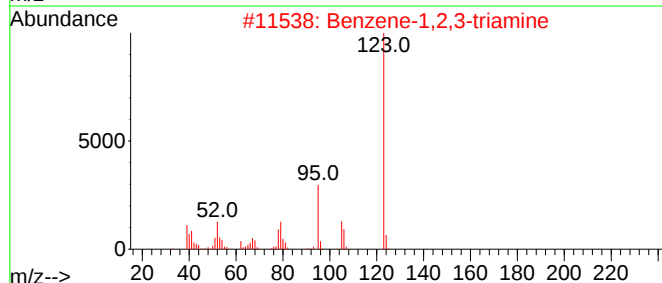
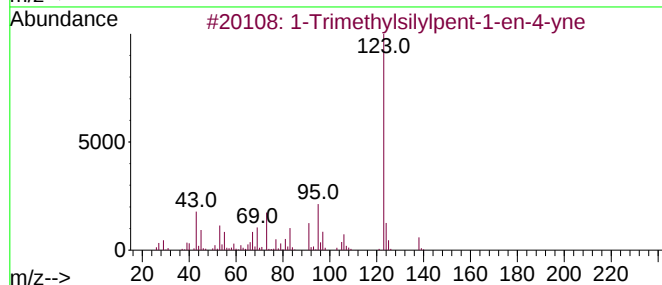
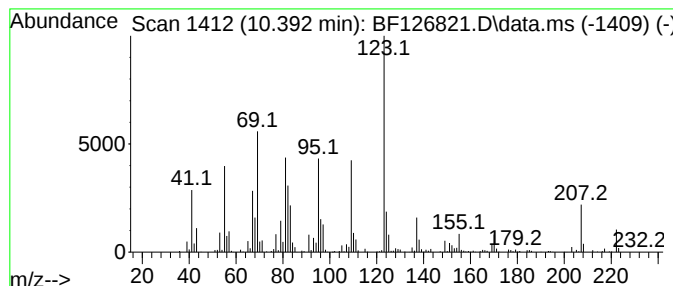
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 unknown10.392 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.392	8.35 ng	531389	Acenaphthene-d10	9.986

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Trimethylsilylpent-1-en-4-yne	138	C8H14Si	079516-25-9	47
2		Benzene-1,2,3-triamine	123	C6H9N3	1000316-45-3	43
3		2,2-Dimethylocta-3,4-dienal	152	C10H16O	000590-71-6	43
4		4-Nitrophenyl bicyclo[4.1.0]hept...	261	C14H15NO4	328938-65-4	43
5		3-Fluorobenzoic acid, 2-ethylcyc...	250	C15H19FO2	1000279-04-9	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
Data File : BF126821.D
Acq On : 04 Feb 2022 19:53
Operator : CG/JU
Sample : N1378-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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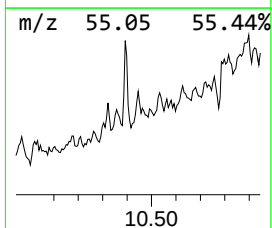
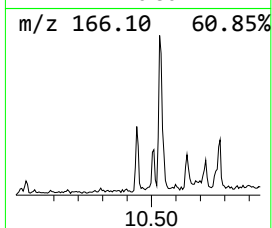
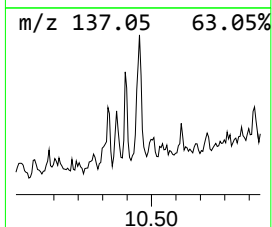
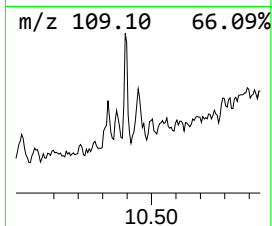
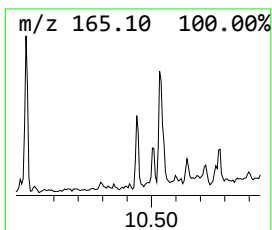
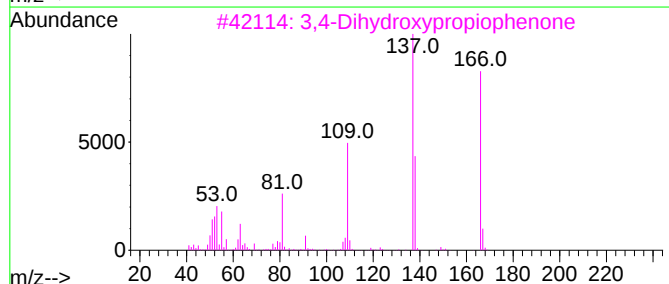
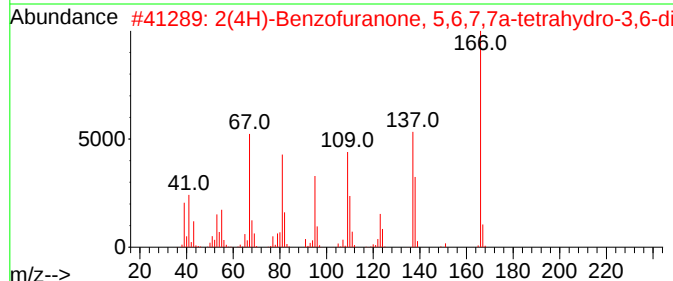
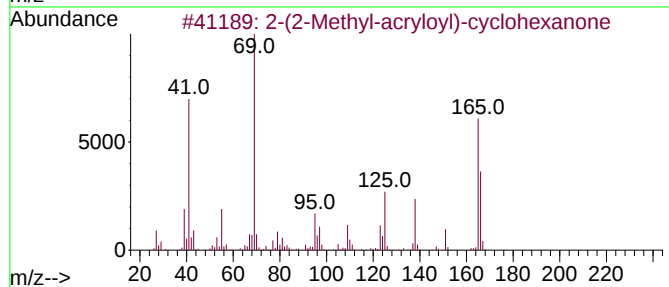
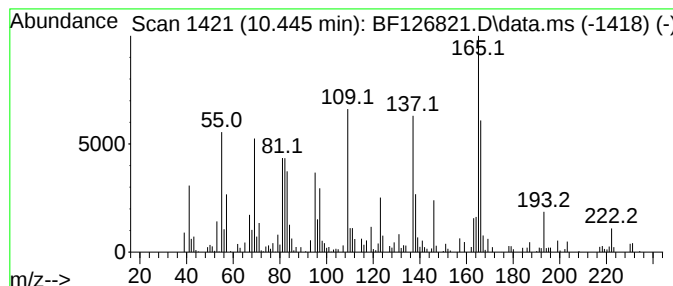
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown10.445 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.445	4.41 ng	280818	Acenaphthene-d10	9.986

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Methyl-acryloyl)-cyclohexanone	166	C10H14O2	1000185-67-7	49		
2	2(4H)-Benzofuranone, 5,6,7,7a-te...	166	C10H14O2	013341-72-5	49		
3	3,4-Dihydroxypropiophenone	166	C9H10O3	007451-98-1	38		
4	Bicyclo[2.2.1]heptane-2,5-dione,...	166	C10H14O2	004230-32-4	35		
5	(6R,7aR)-3,6-Dimethyl-5,6,7,7a-t...	166	C10H14O2	038049-04-6	35		



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
Data File : BF126821.D
Acq On : 04 Feb 2022 19:53
Operator : CG/JU
Sample : N1378-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ASTORIA-YARD-PIT-11-STOCKPILE

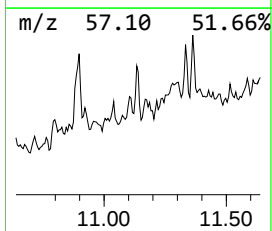
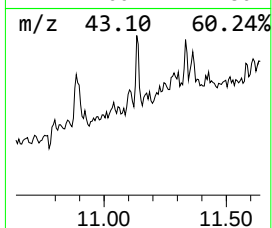
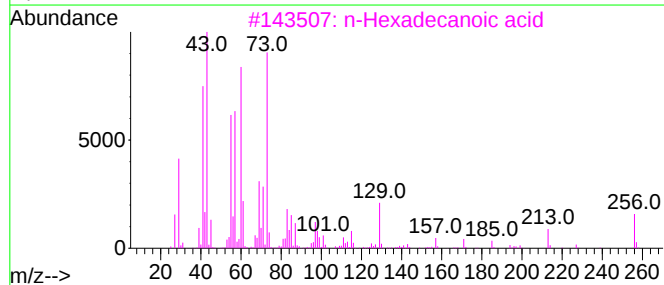
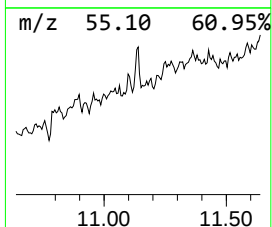
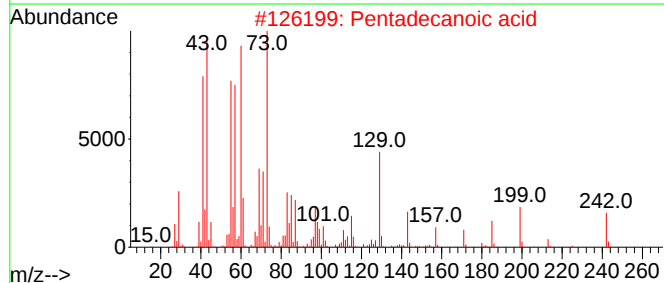
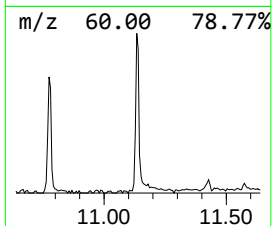
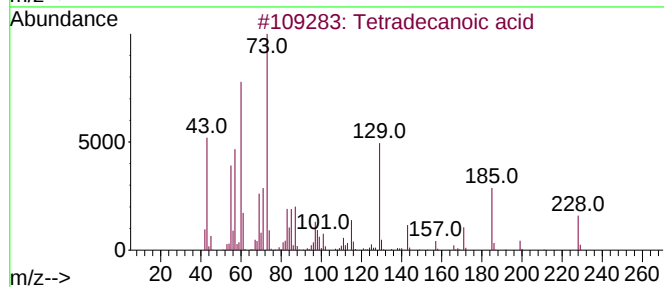
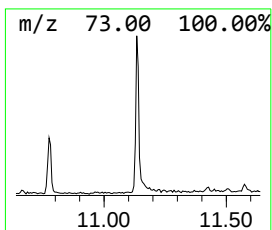
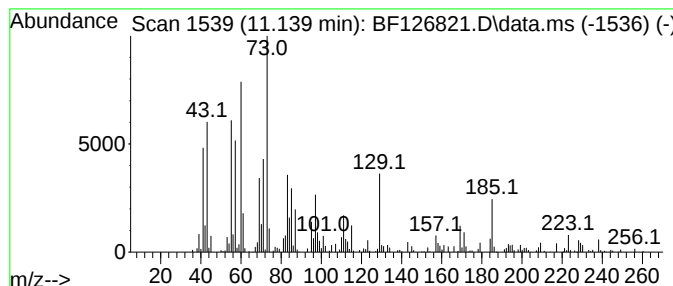
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetradecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.139	5.43 ng	295162	Phenanthrene-d10	11.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanoic acid	228	C14H28O2	000544-63-8	76
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	62
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59
4			Tridecanoic acid	214	C13H26O2	000638-53-9	59
5			n-Decanoic acid	172	C10H20O2	000334-48-5	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
Data File : BF126821.D
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Operator : CG/JU
Sample : N1378-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ASTORIA-YARD-PIT-11-STOCKPILE

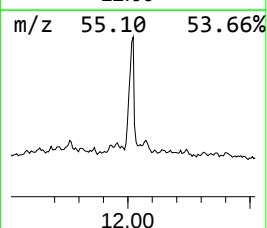
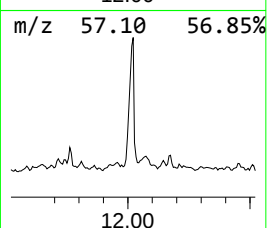
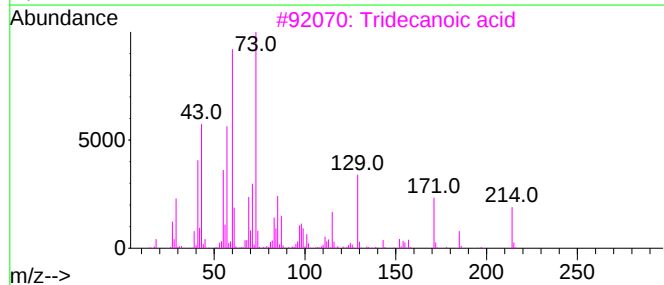
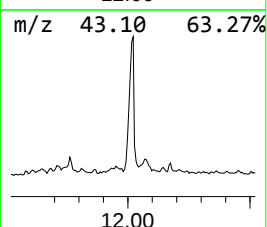
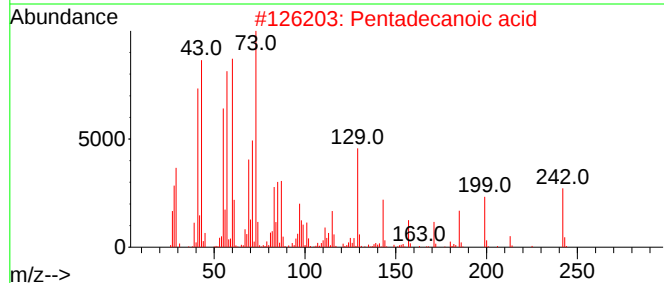
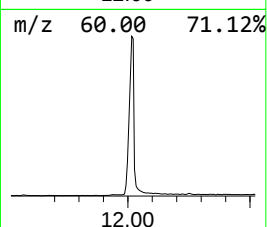
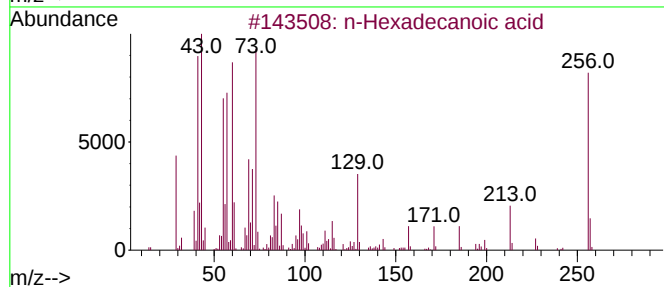
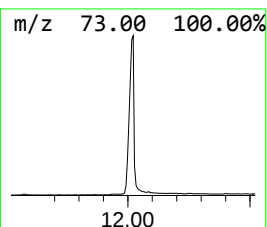
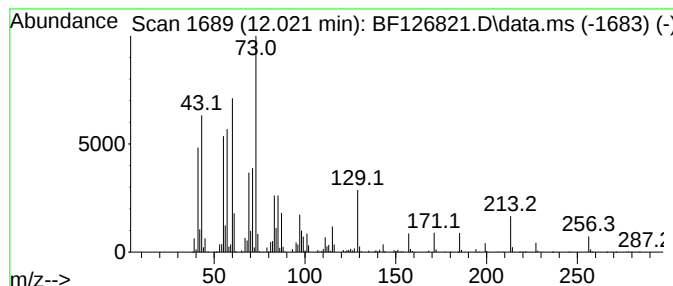
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	67.89 ng	3690310	Phenanthrene-d10	11.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2			Pentadecanoic acid	242	C15H30O2	001002-84-2	86
3			Tridecanoic acid	214	C13H26O2	000638-53-9	80
4			Undecanoic acid	186	C11H22O2	000112-37-8	58
5			8-Methylnonanoic acid	172	C10H20O2	005963-14-4	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
Data File : BF126821.D
Acq On : 04 Feb 2022 19:53
Operator : CG/JU
Sample : N1378-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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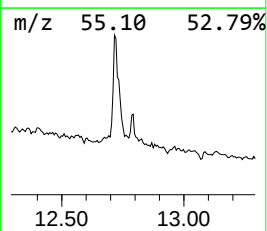
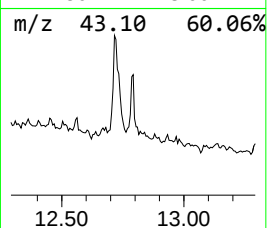
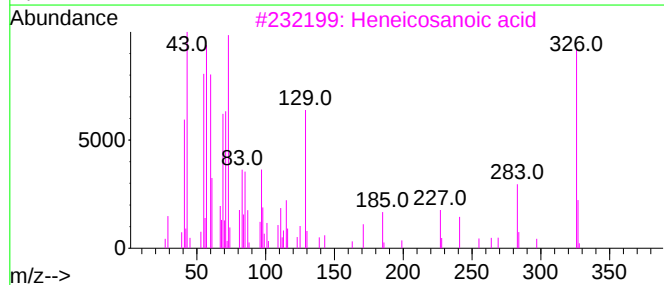
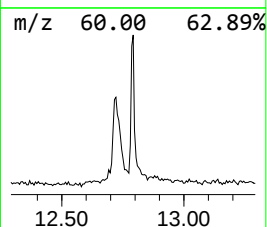
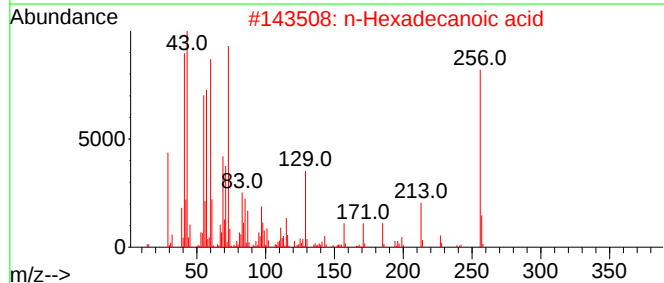
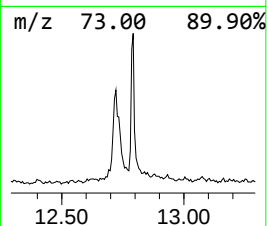
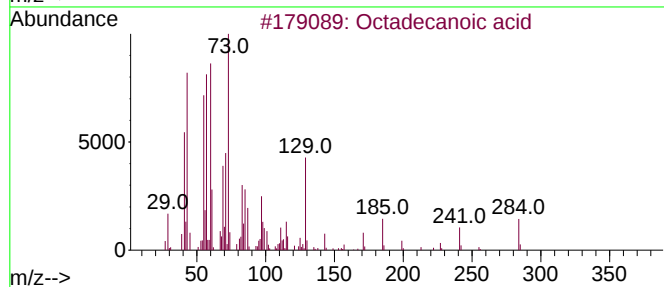
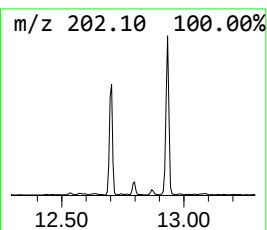
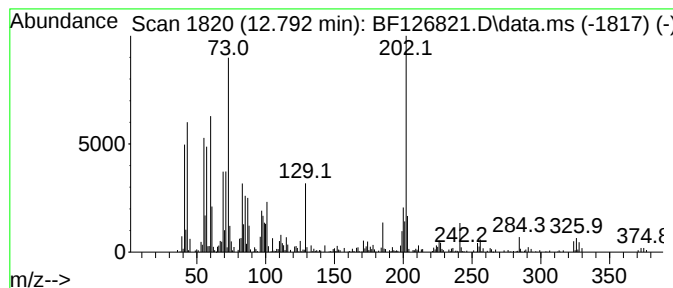
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.792	9.67 ng	525396	Phenanthrene-d10	11.480

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	95
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3			Heneicosanoic acid	326	C21H42O2	002363-71-5	52
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	50
5			Fluoranthene	202	C16H10	000206-44-0	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
Data File : BF126821.D
Acq On : 04 Feb 2022 19:53
Operator : CG/JU
Sample : N1378-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
ASTORIA-YARD-PIT-11-STOCKPILE

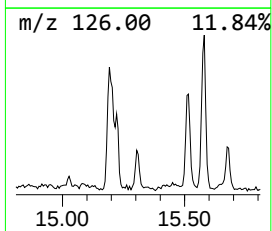
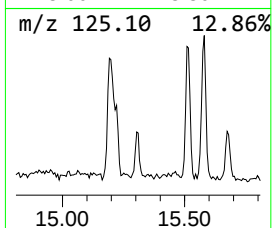
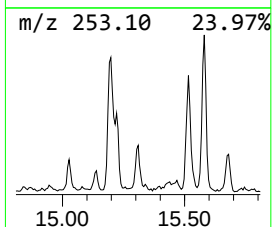
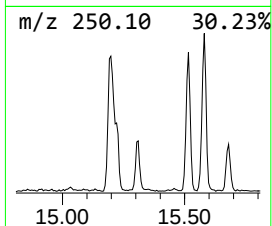
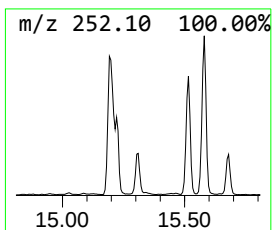
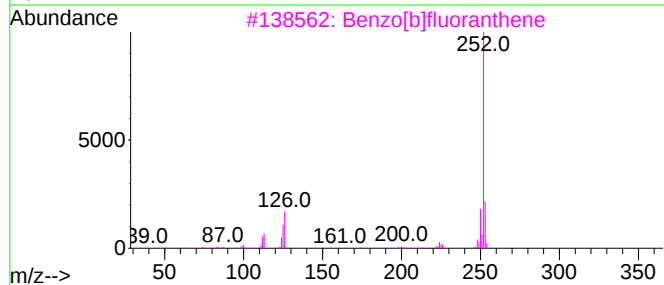
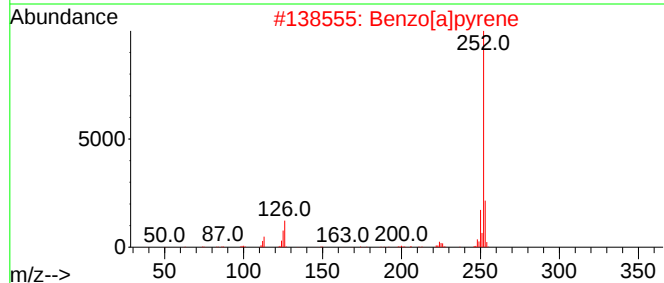
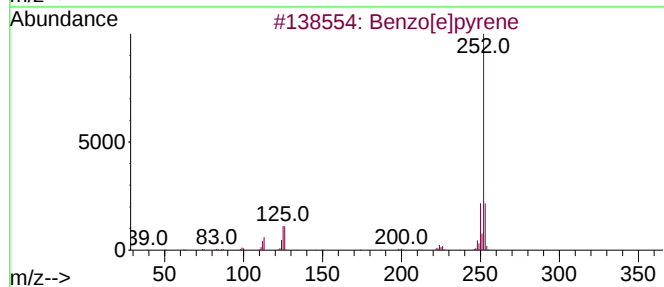
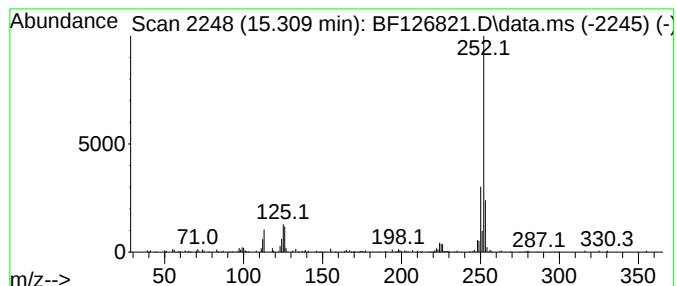
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.310	3.94 ng	140147	Perylene-d12	15.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5			Perylene	252	C20H12	000198-55-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
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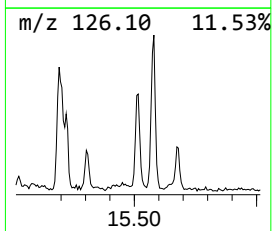
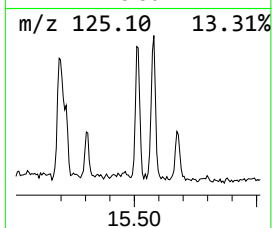
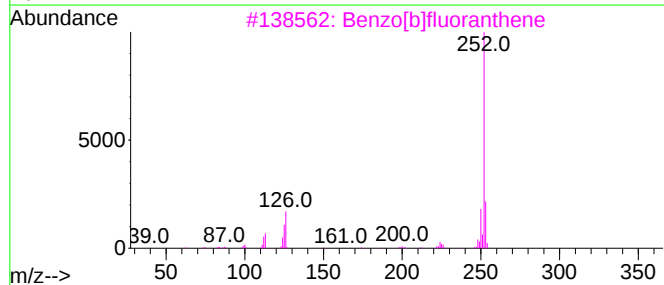
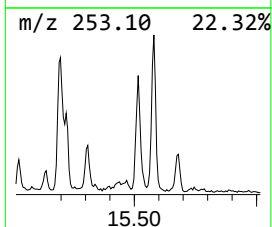
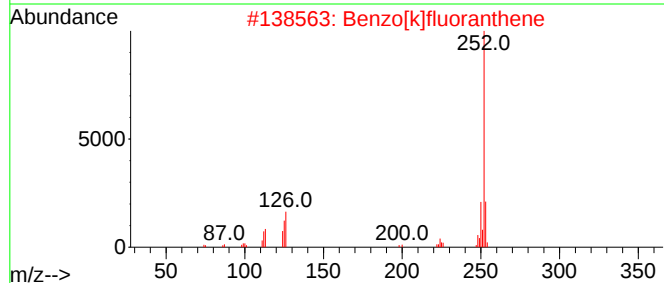
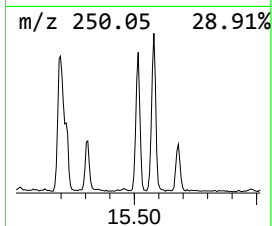
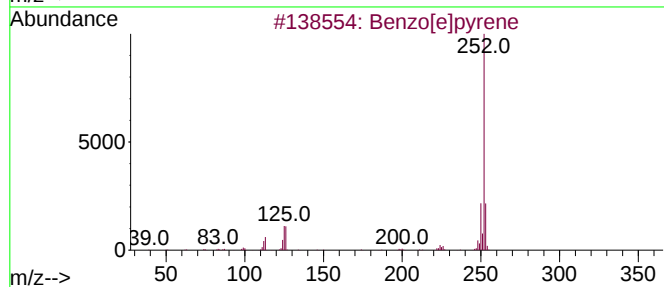
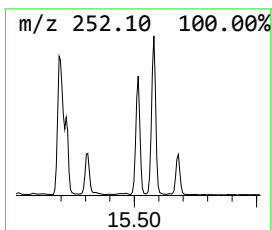
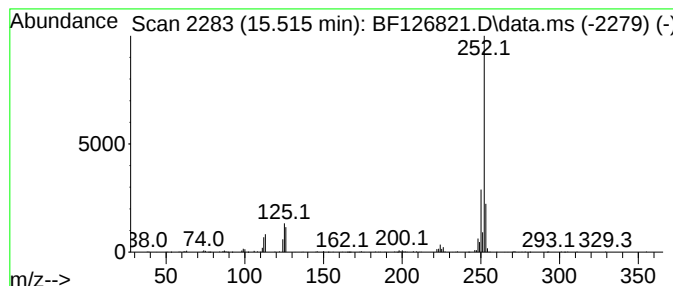
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.515	14.35 ng	510980	Perylene-d12	15.645

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
Data File : BF126821.D
Acq On : 04 Feb 2022 19:53
Operator : CG/JU
Sample : N1378-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ASTORIA-YARD-PIT-11-STOCKPILE

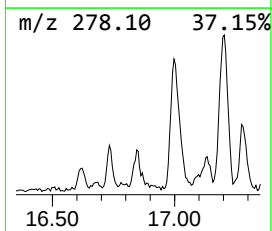
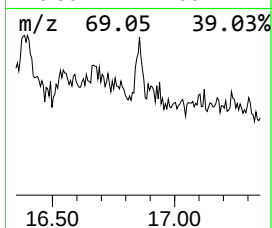
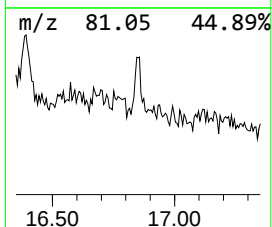
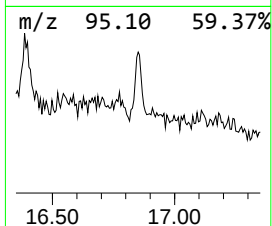
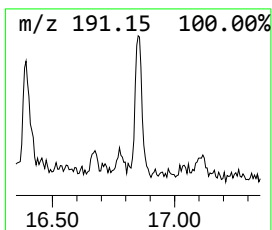
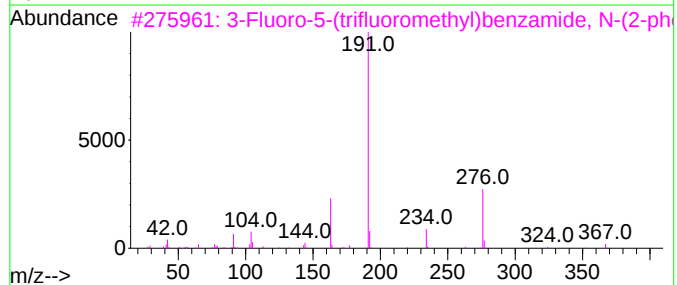
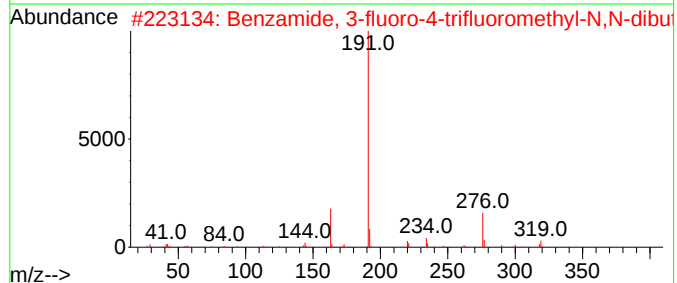
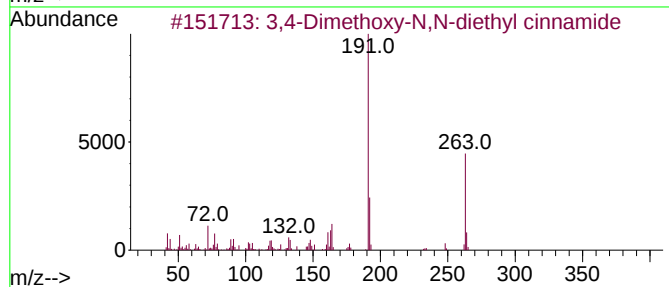
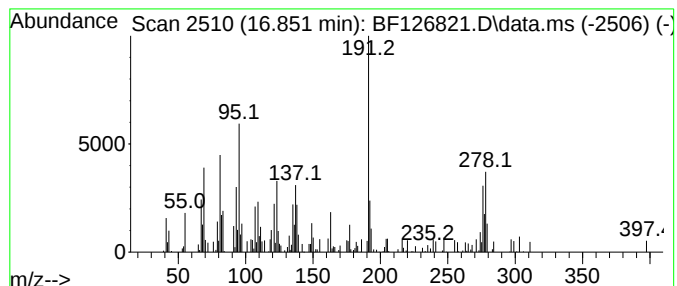
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown16.851 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.851	7.30 ng	260091	Perylene-d12	15.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,4-Dimethoxy-N,N-diethyl cinnamide	263	C15H21NO3	185410-48-4	30
2			Benzamide, 3-fluoro-4-trifluorom...	319	C16H21F4NO	1010439-40-6	27
3			3-Fluoro-5-(trifluoromethyl)benz...	367	C20H21F4NO	1000490-68-3	27
4			3-Fluoro-5-(trifluoromethyl)benz...	367	C20H21F4NO	1000490-68-2	27
5			Protriptyline, N-acetyl-	305	C21H23NO	023047-28-1	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020422\
 Data File : BF126821.D
 Acq On : 04 Feb 2022 19:53
 Operator : CG/JU
 Sample : N1378-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ASTORIA-YARD-PIT-11-STOCKPILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020222.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
Butane, 2-metho...	2.287	11.0	ng	488612	1	6.945	886478	20.0
Benzene, 1-ethe...	6.775	6.7	ng	294664	1	6.945	886478	20.0
1-Propyne, 3-ph...	7.210	3.0	ng	134197	1	6.945	886478	20.0
Benzenemethanet...	7.804	5.1	ng	298839	2	8.228	1170340	20.0
Benzene, 1-meth...	8.439	3.4	ng	199136	2	8.228	1170340	20.0
o-Cymene	8.504	4.9	ng	285965	2	8.228	1170340	20.0
unknown9.692	9.692	3.8	ng	238695	3	9.986	1273420	20.0
unknown9.898	9.898	5.2	ng	328558	3	9.986	1273420	20.0
4,6,8-Trimethyl...	10.304	2.9	ng	185052	3	9.986	1273420	20.0
1H-Indene, octa...	10.322	3.4	ng	213454	3	9.986	1273420	20.0
unknown10.392	10.392	8.3	ng	531389	3	9.986	1273420	20.0
unknown10.445	10.445	4.4	ng	280818	3	9.986	1273420	20.0
Tetradecanoic acid	11.139	5.4	ng	295162	4	11.480	1087210	20.0
n-Hexadecanoic ...	12.022	67.9	ng	3690310	4	11.480	1087210	20.0
Octadecanoic acid	12.792	9.7	ng	525396	4	11.480	1087210	20.0
Benzo[e]pyrene	15.310	3.9	ng	140147	6	15.645	712233	20.0
Perylene	15.515	14.4	ng	510980	6	15.645	712233	20.0
unknown16.851	16.851	7.3	ng	260091	6	15.645	712233	20.0