LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128182.D
Acq On : 11 May 2022 01:44
Operator : CG\JU
Sample : N2749-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF128182.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.622	215	227	232	rBV	18703	34277	1.83%	0.126%
2	3.987	285	289	294	rVB	43647	55975	2.99%	0.205%
3	5.128	477	483	489	rVB2	17822	25313	1.35%	0.093%
4	5.381	522	526	529	rBV	31629	30987	1.65%	0.114%
5	5.487	540	544	545	rBV	49476	51711	2.76%	0.190%
6	5.516	545	549	552	rVB	1874393	1685128	89.98%	6.185%
7	5.734	582	586	591	rBV2	142477	158846	8.48%	0.583%
8	6.410	699	701	705	rBV2	34604	37029	1.98%	0.136%
9	6.522	716	720	723	rBV	1794086	1752001	93.55%	6.430%
10	6.722	749	754	759	rBV2	169348	218507	11.67%	0.802%
11	6.763	759	761	766	rVB	65536	62278	3.33%	0.229%
12	6.892	779	783	786	rBV	592072	476043	25.42%	1.747%
13	7.151	822	827	834	rBV	122047	148334	7.92%	0.544%
14	7.204	834	836	844	rVB5	13120	25071	1.34%	0.092%
15	7.457	875	879	882	rBV	1360342	1185016	63.27%	4.349%
16	7.498	884	886	890	rBV	44854	45490	2.43%	0.167%
17	7.722	921	924	926	rBV	39467	34950	1.87%	0.128%
18	7.751	926	929	933	rVV	250374	251363	13.42%	0.923%
19	7.922	953	958	961	rBV2	54972	72132	3.85%	0.265%
20	7.957	961	964	965	rVV	42423	42150	2.25%	0.155%
21	7.975	965	967	968	rVV	68961	57425	3.07%	0.211%
22	7.992	968	970	974	rVB	48766	46051	2.46%	0.169%
23	8.039	974	978	981	rBV4	23579	25202	1.35%	0.092%
24	8.145	993	996	997	rBV	38299	32556	1.74%	0.119%
25	8.175	997	1001	1003	rVV	700048	603718	32.24%	2.216%
26	8.192	1003	1004	1007	rVV	247548	193883	10.35%	0.712%
27	8.222	1007	1009	1011	rVB	53168	38363	2.05%	0.141%
28	8.386	1034	1037	1043	rVB	224956	184717	9.86%	0.678%
29	8.445	1044	1047	1054	rVB	266980	276349	14.76%	1.014%
30	8.510	1054	1058	1061	rBV5	17873	33917	1.81%	0.124%
31	8.581	1068	1070	1072	rBV	59531	41492	2.22%	0.152%
32	8.628	1076	1078	1082	rVB3	46411	49701	2.65%	0.182%
33	8.675	1083	1086	1088	rBV3	33030	36297	1.94%	0.133%
34	8.751	1092	1099	1103	rBV3	74645	98484	5.26%	0.361%
35	8.816	1107	1110	1113	rVB3	43377	43295	2.31%	0.159%
36	8.886	1119	1122	1125	rBV2	223946	195071	10.42%	0.716%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
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Misc :
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Instrument :
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ClientSampleId :
TP-3

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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.945	1129	1132	1135	rBV	92089	85498	4.57%	0.314%
38	8.986	1136	1139	1141	rBV	92497	78234	4.18%	0.287%
39	9.057	1145	1151	1153	rBV	65066	77667	4.15%	0.285%
40	9.116	1159	1161	1165	rBV4	19842	23875	1.27%	0.088%
41	9.169	1166	1170	1171	rBV2	88376	92939	4.96%	0.341%
42	9.251	1179	1184	1187	rBV	2299900	1872851	100.00%	6.874%
43	9.322	1192	1196	1199	rBV	163717	156054	8.33%	0.573%
44	9.351	1199	1201	1203	rBV	28479	26152	1.40%	0.096%
45	9.380	1203	1206	1208	rBV2	46130	49976	2.67%	0.183%
46	9.492	1223	1225	1226	rBV	31687	25395	1.36%	0.093%
47	9.551	1232	1235	1238	rBV	85116	77965	4.16%	0.286%
48	9.586	1238	1241	1244	rVV2	65388	67882	3.62%	0.249%
49	9.633	1247	1249	1251	rVV2	159491	154989	8.28%	0.569%
50	9.657	1251	1253	1256	rVB	195515	172899	9.23%	0.635%
51	9.792	1273	1276	1279	rBV	630058	598992	31.98%	2.198%
52	9.839	1281	1284	1288	rVB2	156322	166735	8.90%	0.612%
53	9.910	1294	1296	1297	rBV	75223	52589	2.81%	0.193%
54	9.933	1297	1300	1302	rVB	735668	570377	30.46%	2.093%
55	9.963	1302	1305	1309	rBV4	87153	91129	4.87%	0.334%
56	10.239	1349	1352	1355	rBV2	128866	161337	8.61%	0.592%
57	10.333	1365	1368	1374	rBV3	206545	296939	15.85%	1.090%
58	10.386	1374	1377	1380	rBV	197553	183755	9.81%	0.674%
59	10.451	1386	1388	1390	rBV	74740	61050	3.26%	0.224%
60	10.592	1410	1412	1415	rBV2	80021	70567	3.77%	0.259%
61	10.727	1431	1435	1438	rBV	1111459	1031763	55.09%	3.787%
62	10.839	1450	1454	1462	rVB5	155699	284824	15.21%	1.045%
63	10.951	1471	1473	1478	rVB	119526	111942	5.98%	0.411%
64	11.427	1551	1554	1556	rBV	570369	484823	25.89%	1.779%
65	11.451	1556	1558	1563	rVB	474190	412172	22.01%	1.513%
66	11.504	1564	1567	1569	rBV	225908	208082	11.11%	0.764%
67	11.927	1637	1639	1641	rBV2	244014	250626	13.38%	0.920%
68	12.004	1650	1652	1655	rBV	180089	158356	8.46%	0.581%
69	12.039	1656	1658	1661	rBV2	335430	367876	19.64%	1.350%
70	12.480	1730	1733	1735	rBV	302873	287566	15.35%	1.055%
71	12.645	1758	1761	1764	rBV	973834	878653	46.92%	3.225%
72	12.739	1775	1777	1780	rBV	216509	169863	9.07%	0.623%
73	12.880	1798	1801	1806	rVB	1320156	1236407	66.02%	4.538%
74	13.016	1820	1824	1827	rBV	1392894	1154748	61.66%	4.238%
75	13.268	1865	1867	1870	rVV	203755	159827	8.53%	0.587%
76	13.310	1872	1874	1877	rVB	253567	197505	10.55%	0.725%

LSC Area Percent Report

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Acq On : 11 May 2022 01:44
Operator : CG\JU
Sample : N2749-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

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-BF050922.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.404	1888	1890	1892	rVB	180105	130882	6.99%	0.480%
78	13.921	1976	1978	1985	rVB3	231638	289597	15.46%	1.063%
79	14.074	2000	2004	2007	rBV2	813779	1216038	64.93%	4.463%
80	14.104	2007	2009	2016	rVB	619328	587546	31.37%	2.156%
81	14.463	2068	2070	2073	rVB	229582	196322	10.48%	0.721%
82	15.139	2181	2185	2192	rVB	448416	812258	43.37%	2.981%
83	15.245	2200	2203	2210	rVB	234719	298822	15.96%	1.097%
84	15.451	2234	2238	2244	rVB	363047	463347	24.74%	1.701%
85	15.515	2245	2249	2254	rVV	580224	731118	39.04%	2.683%
86	15.580	2256	2260	2263	rVV	275827	361858	19.32%	1.328%
87	15.609	2263	2265	2272	rVB2	145172	220799	11.79%	0.810%
88	17.098	2512	2518	2526	rVB2	247761	502786	26.85%	1.845%
89	17.562	2591	2597	2606	rVB	224013	474952	25.36%	1.743%

Sum of corrected areas: 27246326

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
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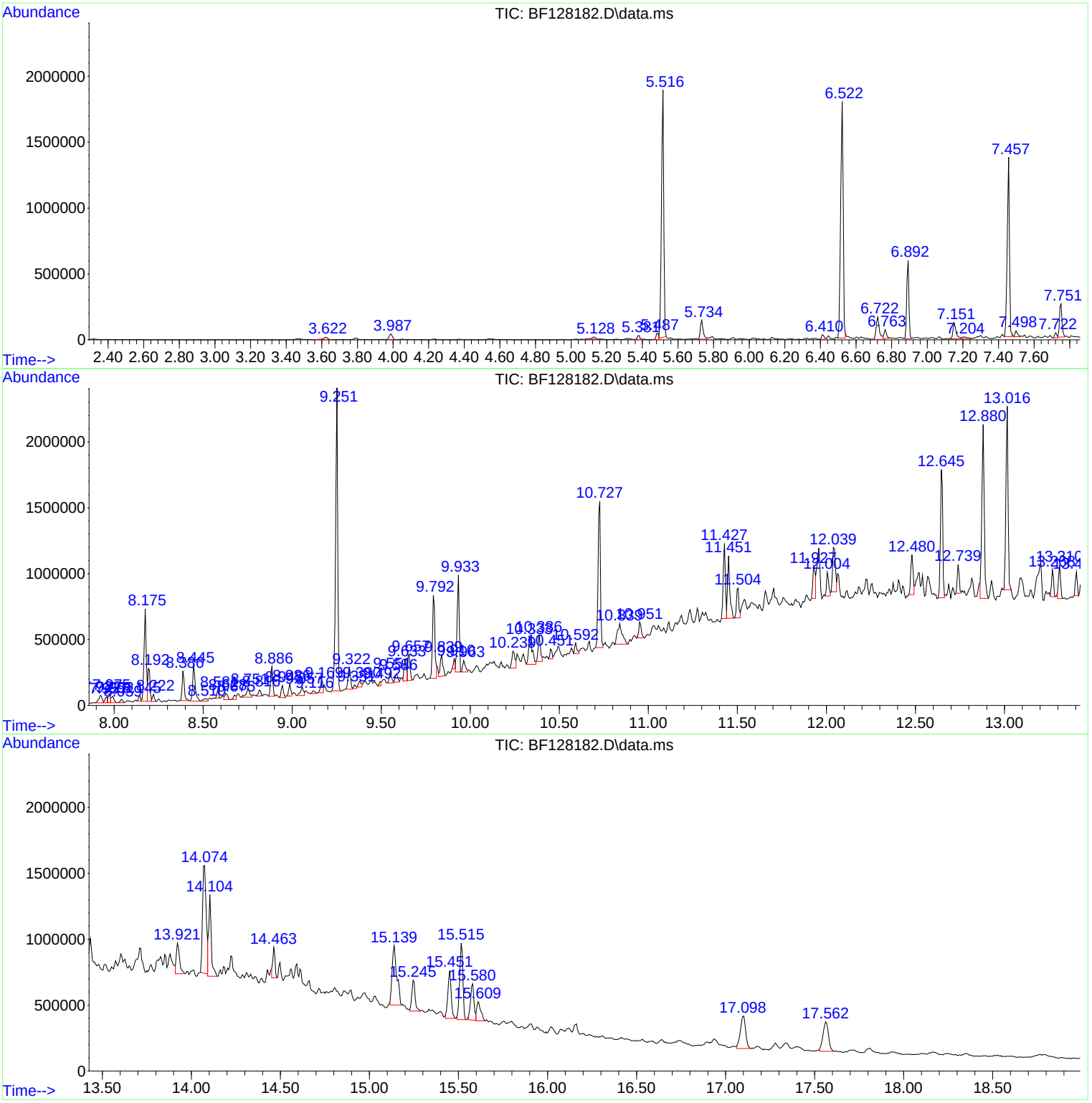
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128182.D
Acq On : 11 May 2022 01:44
Operator : CG\JU
Sample : N2749-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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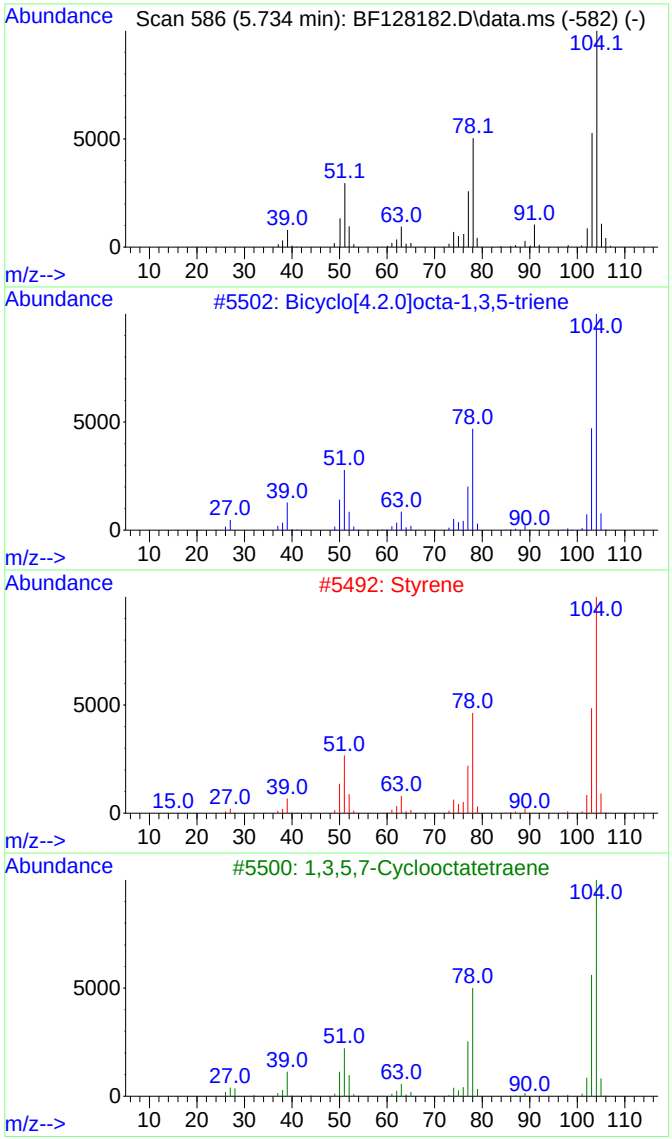
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

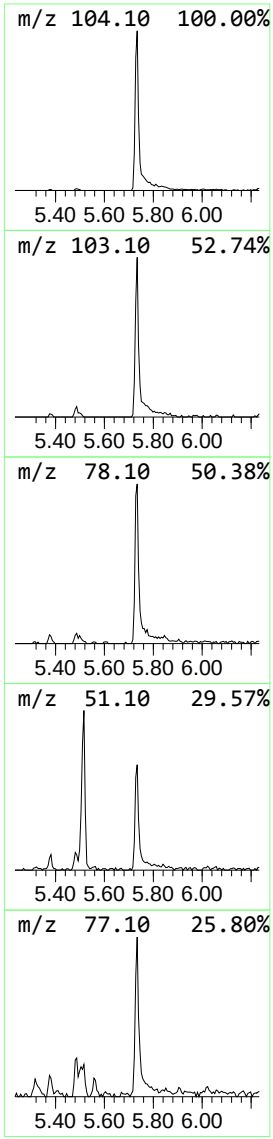
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.734	6.67 ng	158846	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	96
2	Styrene	104	C8H8	000100-42-5	96
3	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	95
4	1,3,7-Octatrien-5-yne	104	C8H8	016607-77-5	37
5	Butanedioic acid, phenyl-	194	C10H10O4	000635-51-8	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128182.D
Acq On : 11 May 2022 01:44
Operator : CG\JU
Sample : N2749-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

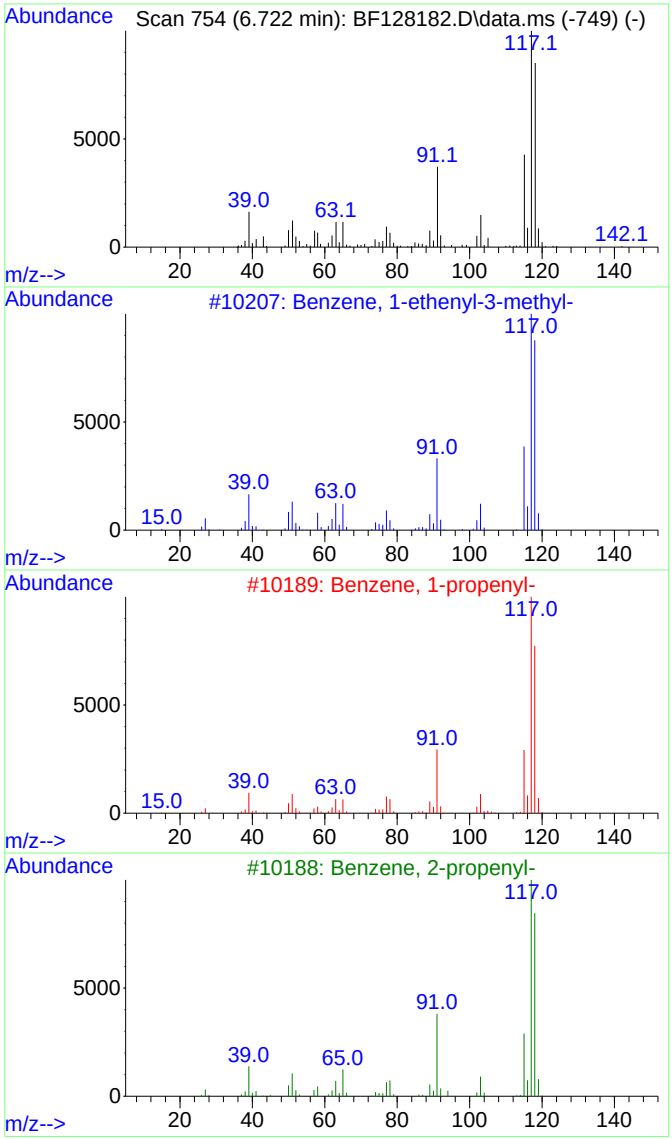
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

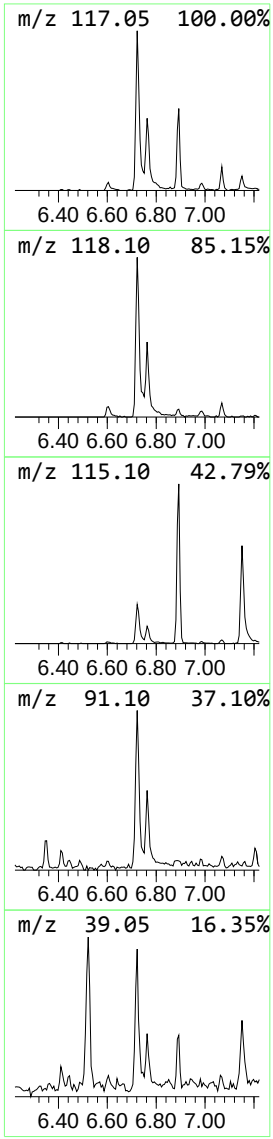
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-ethenyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.722	9.18 ng	218507	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2	Benzene, 1-propenyl-	118	C9H10	000637-50-3	95
3	Benzene, 2-propenyl-	118	C9H10	000300-57-2	94
4	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	93
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	118	C9H10	022250-74-4	93





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Data File : BF128182.D
Acq On : 11 May 2022 01:44
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Sample : N2749-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

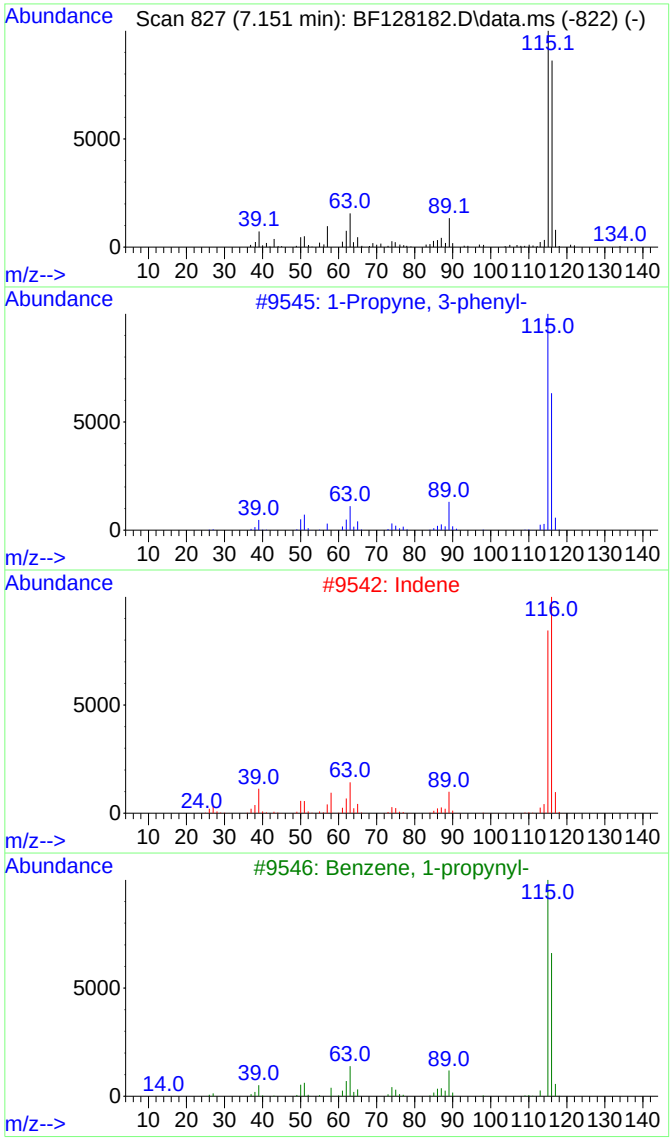
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

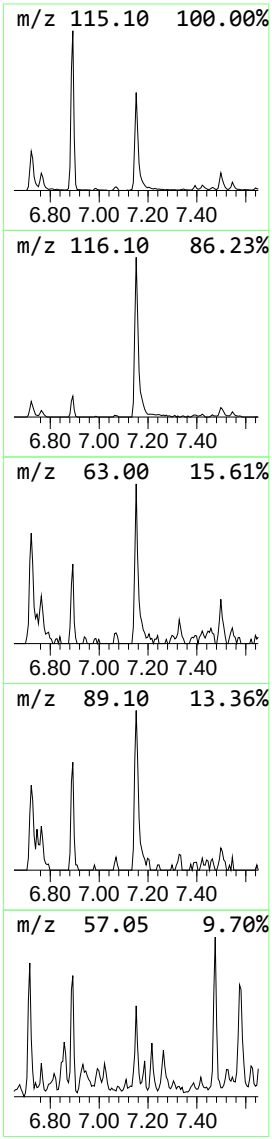
****

Peak Number 3 1-Propyne, 3-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.151	6.23 ng	148334	1,4-Dichlorobenzene-d4	6.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	97
2	Indene	116	C9H8	000095-13-6	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	93
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
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Sample : N2749-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
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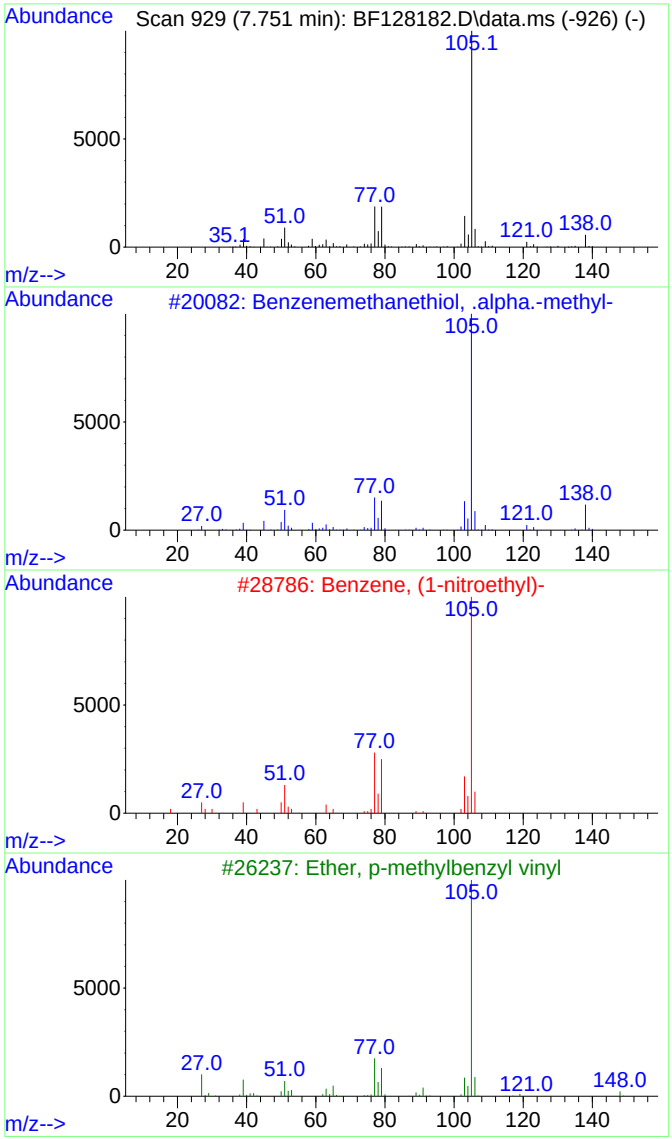
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

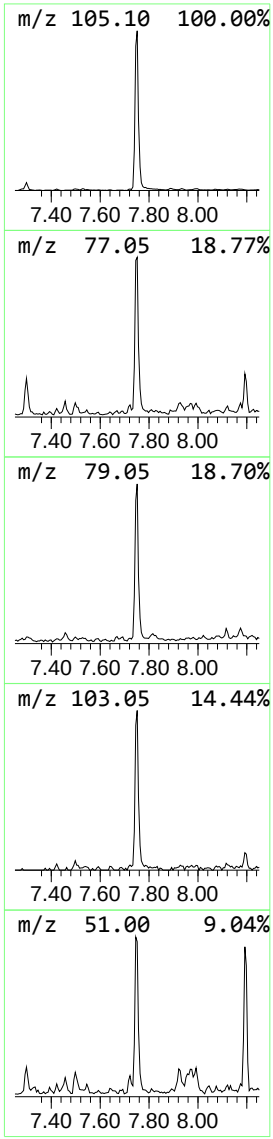
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzenemethanethiol, .alpha... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.751	8.33 ng	251363	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanethiol, .alpha.-met...	138	C8H10S	006263-65-6	90
2	Benzene, (1-nitroethyl)-	151	C8H9NO2	007214-61-1	80
3	Ether, p-methylbenzyl vinyl	148	C10H12O	026437-10-5	72
4	2-Tolyloxirane	134	C9H10O	002783-26-8	72
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128182.D
Acq On : 11 May 2022 01:44
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Sample : N2749-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

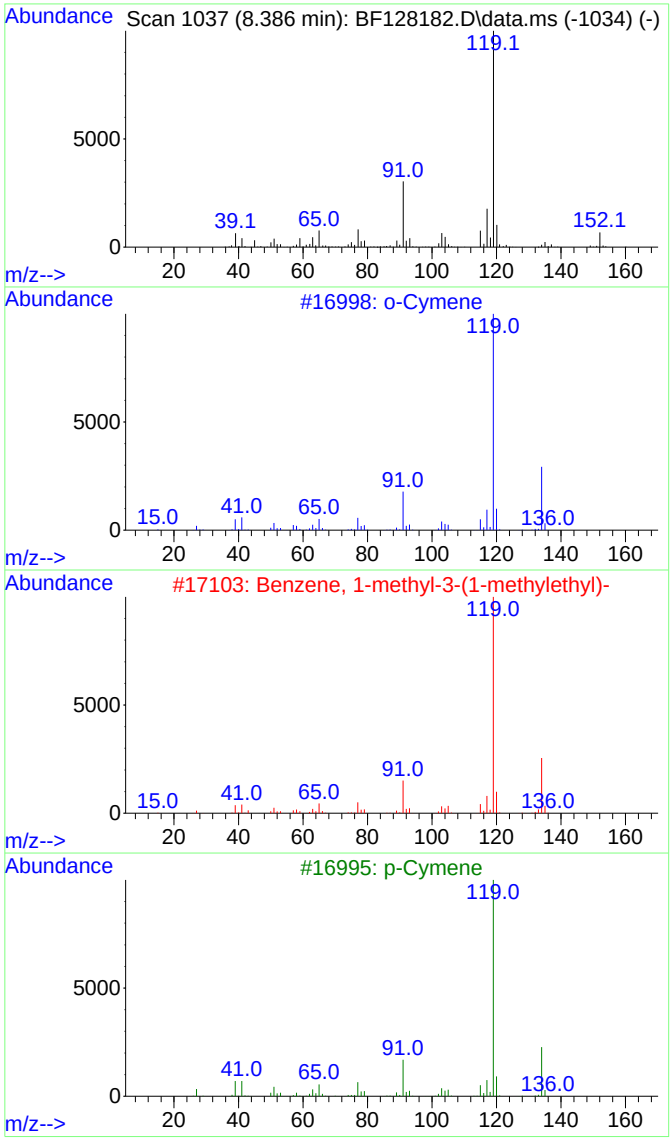
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

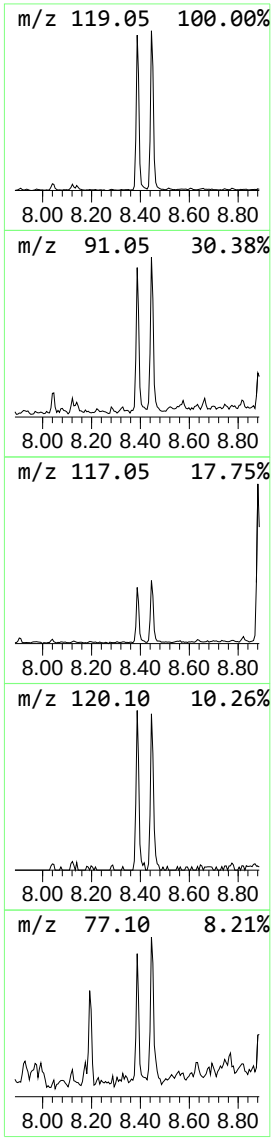
****

Peak Number 5 o-Cymene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.386	6.12 ng	184717	Naphthalene-d8	8.175

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	87
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81
3	p-Cymene	134	C10H14	000099-87-6	81
4	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	80
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128182.D
Acq On : 11 May 2022 01:44
Operator : CG\JU
Sample : N2749-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

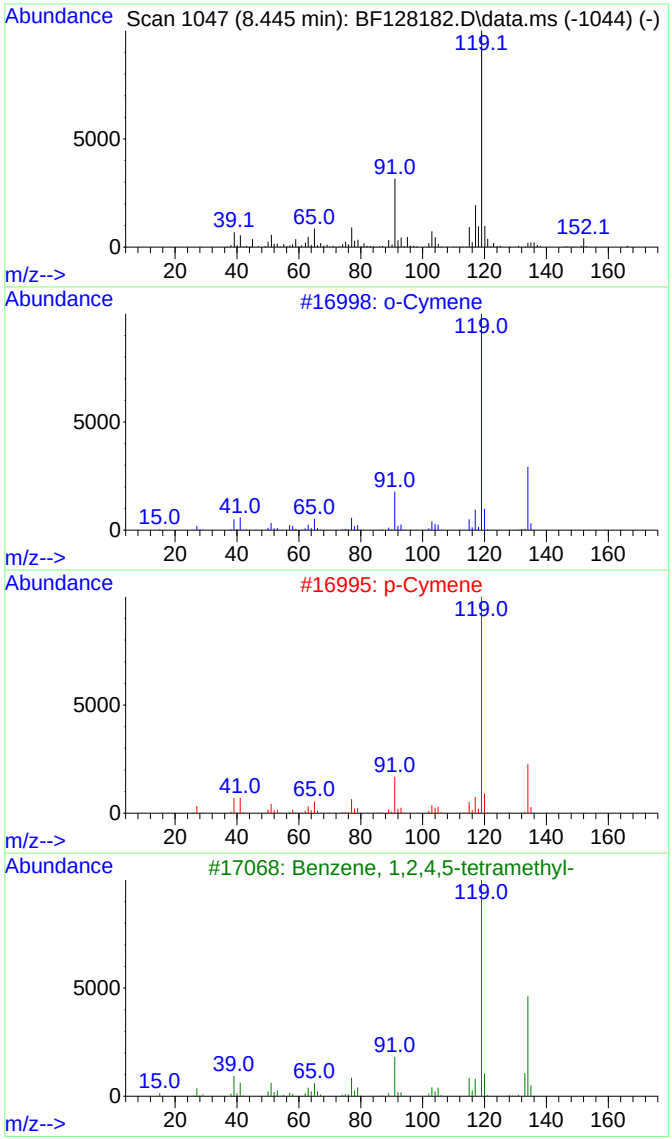
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

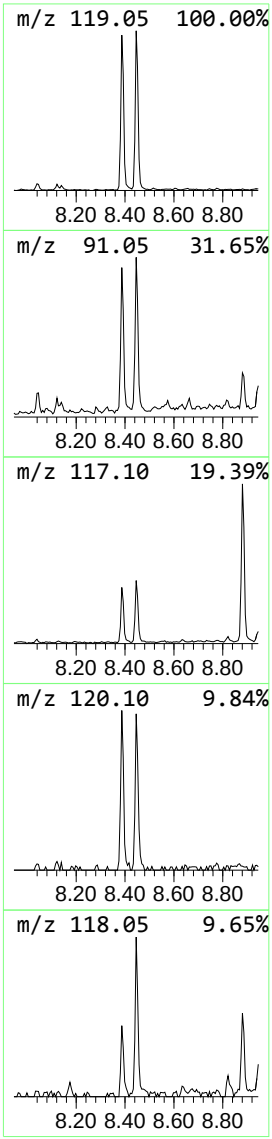
****

Peak Number 6 p-Cymene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.445	9.15 ng	276349	Naphthalene-d8	8.175

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	76
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	68
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	64
5	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	64





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Acq On : 11 May 2022 01:44
Operator : CG\JU
Sample : N2749-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

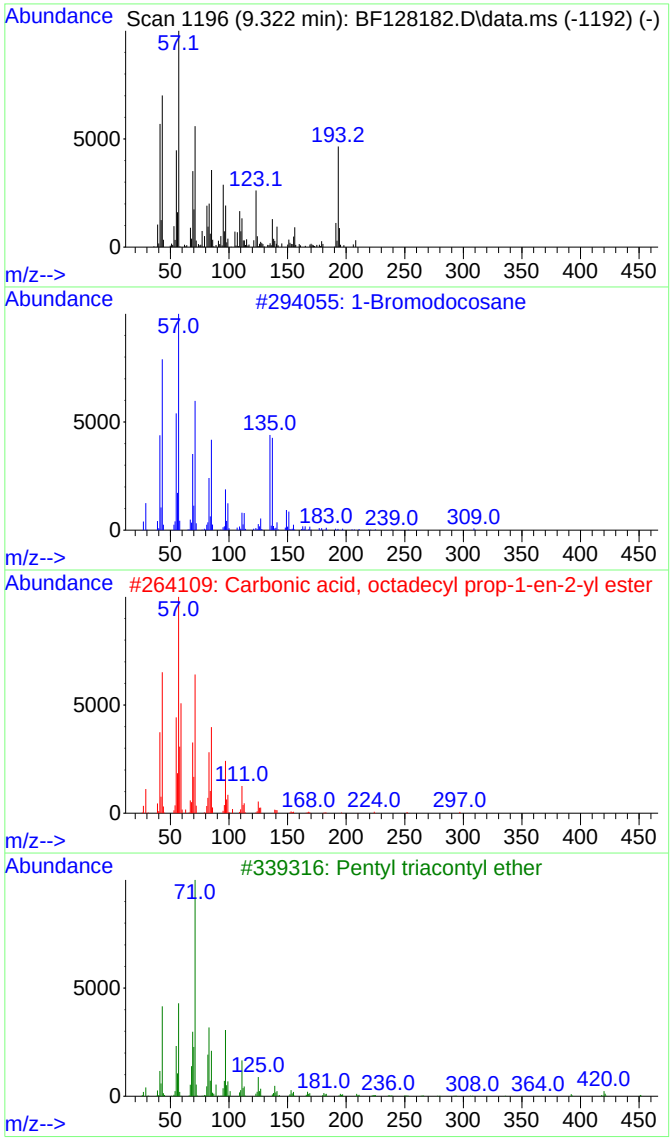
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

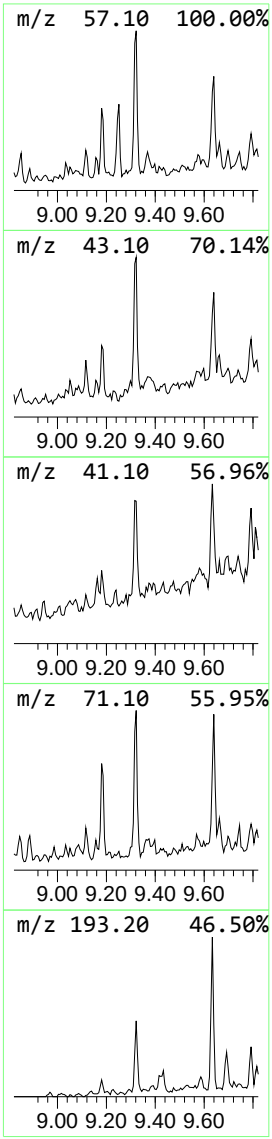
****

Peak Number 7 unknown9.322 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.322	5.47 ng	156054	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromodocosane	388	C22H45Br	006938-66-5	30
2	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	27
3	Pentyl triacontyl ether	509	C35H72O	1000406-42-5	22
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	22
5	Hexacosyl pentyl ether	452	C31H64O	1000406-42-3	22





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

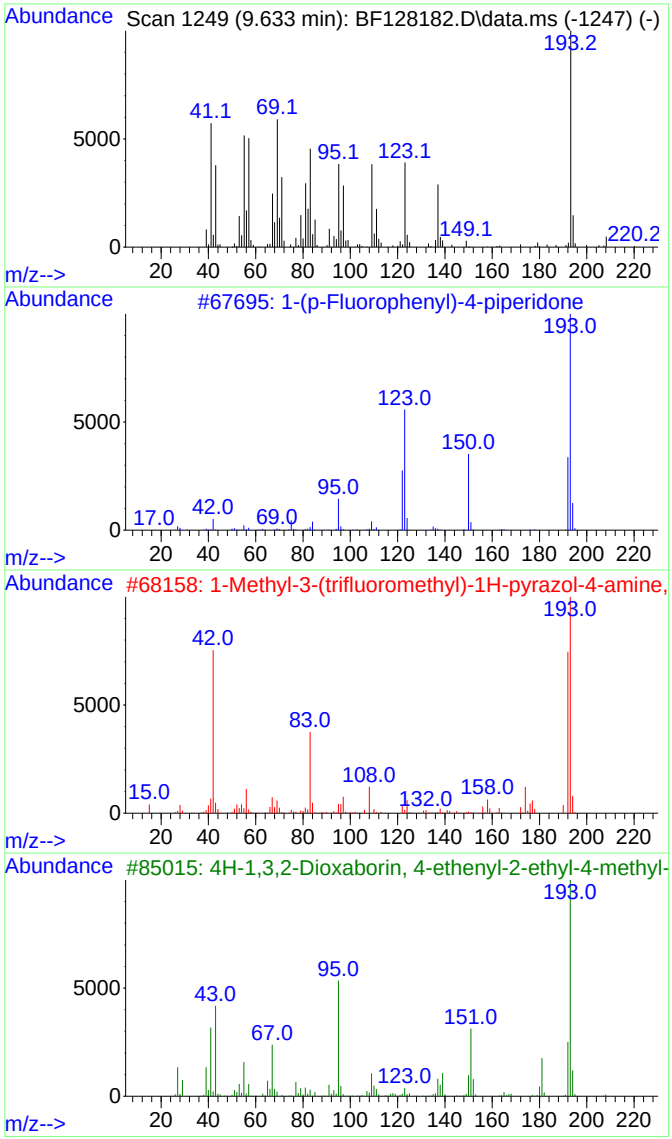
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

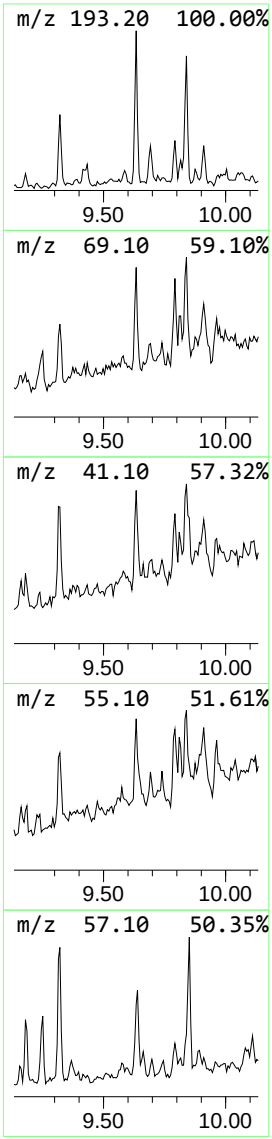
****

Peak Number 8 unknown9.633 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.633	5.43 ng	154989	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	35
2	1-Methyl-3-(trifluoromethyl)-1H-...	193	C7H10F3N3	1000511-73-1	35
3	4H-1,3,2-Dioxaborin, 4-ethenyl-2...	208	C12H21BO2	074630-04-9	25
4	6-Octenoic acid, 3,7-dimethyl-, ...	308	C20H36O2	082766-40-3	25
5	Decahydro-1,1,4a,5,6-pentamethyl...	208	C15H28	080655-44-3	22





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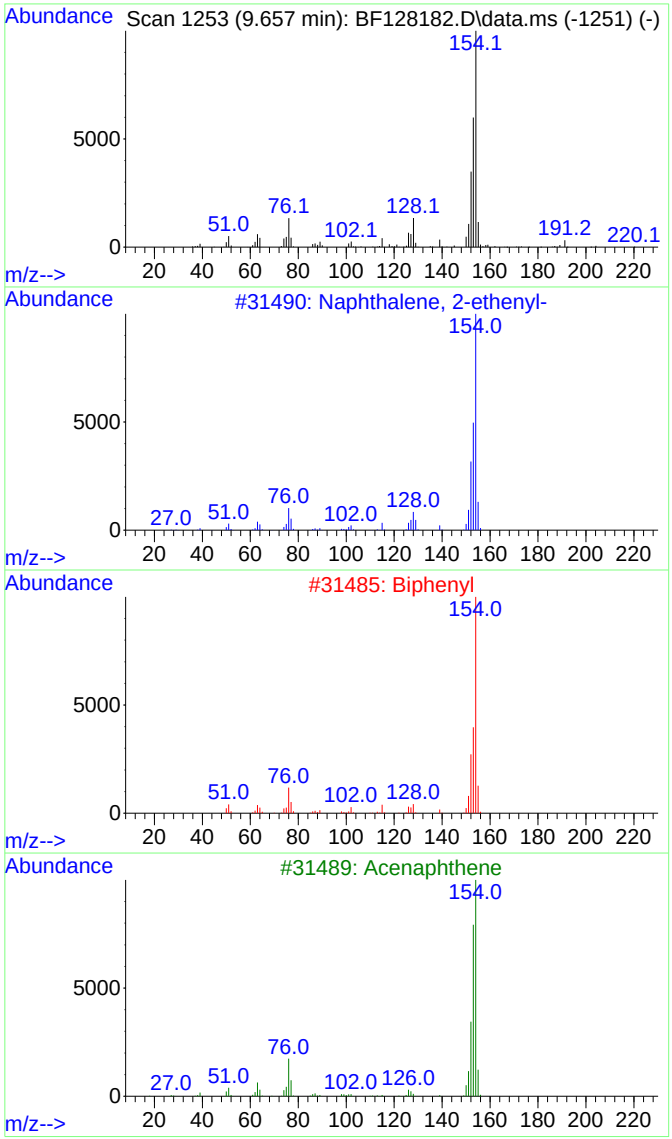
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

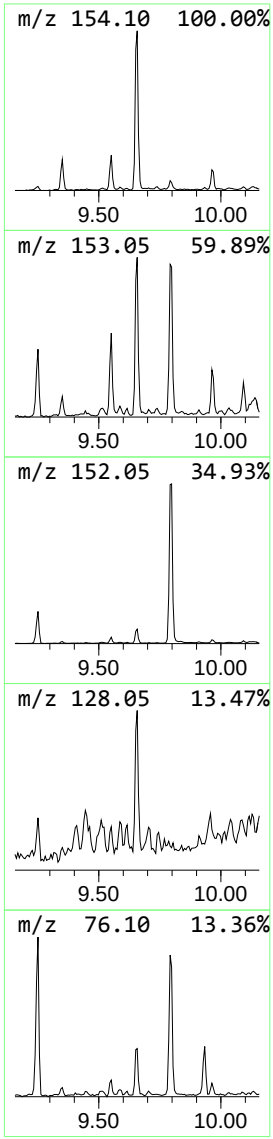
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Naphthalene, 2-ethenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.657	6.06 ng	172899	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	94
2	Biphenyl	154	C12H10	000092-52-4	87
3	Acenaphthene	154	C12H10	000083-32-9	81
4	1,4-Ethenonaphthalene, 1,4-dihydro-	154	C12H10	007322-47-6	47
5	Propanedinitrile, (phenylmethyle...	154	C10H6N2	002700-22-3	47





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Misc :
ALS Vial : 24 Sample Multiplier: 1

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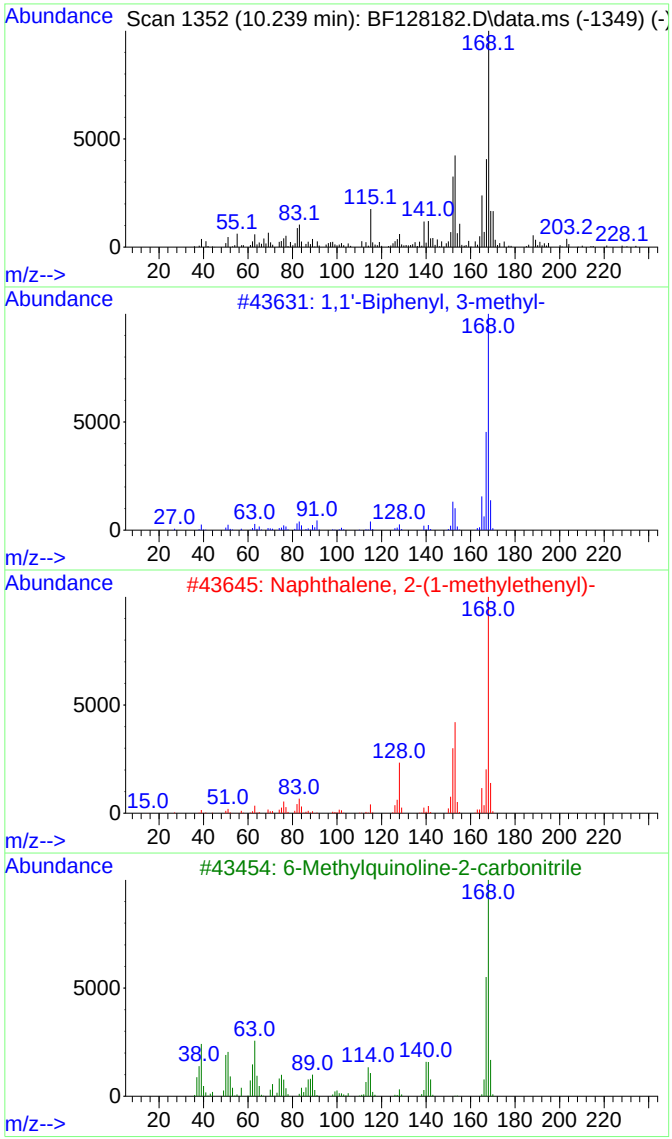
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

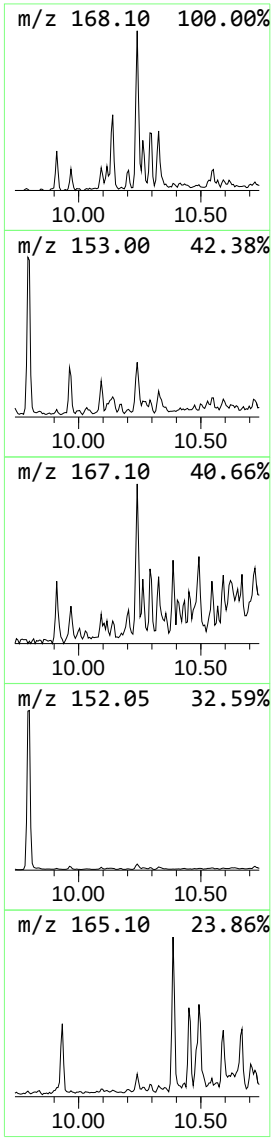
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1,1'-Biphenyl, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.239	5.66 ng	161337	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	62
2	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	58
3	6-Methylquinoline-2-carbonitrile	168	C11H8N2	1000409-51-6	46
4	2-(.alpha.-Chlorophenylmethyl)py...	203	C12H10ClN	040473-17-4	46
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	43





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Operator : CG\JU
Sample : N2749-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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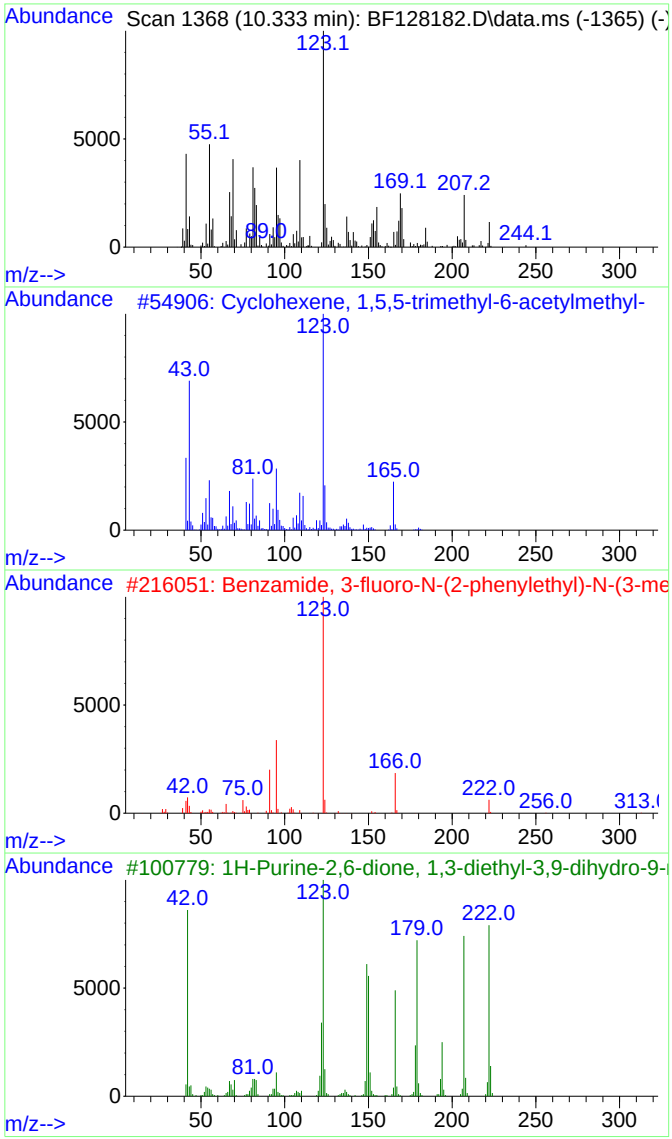
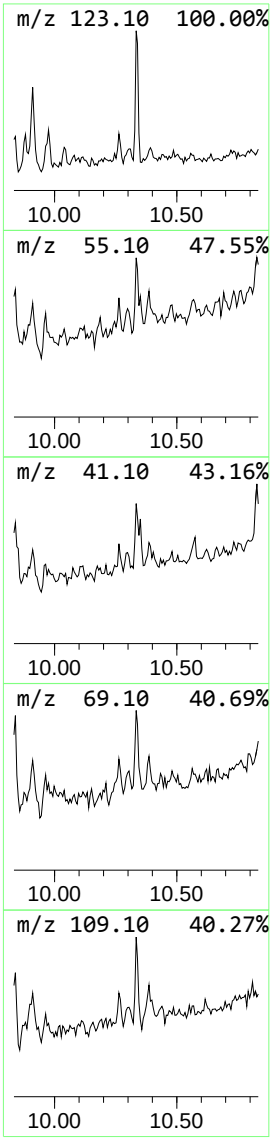
Peak Number 11 unknown10.333 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.333	10.41 ng	296939	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene, 1,5,5-trimethyl-6-a...	180	C12H20O	211563-96-1	43
2	Benzamide, 3-fluoro-N-(2-phenyle...	313	C20H24FNO	1000451-30-4	38
3	1H-Purine-2,6-dione, 1,3-diethyl...	222	C10H14N4O2	054965-57-0	38
4	Benzoic acid, 4-fluoro-, ethyl e...	168	C9H9FO2	000451-46-7	38
5	Benzoic acid, 2-fluoro-, ethyl e...	168	C9H9FO2	000443-26-5	38





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ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.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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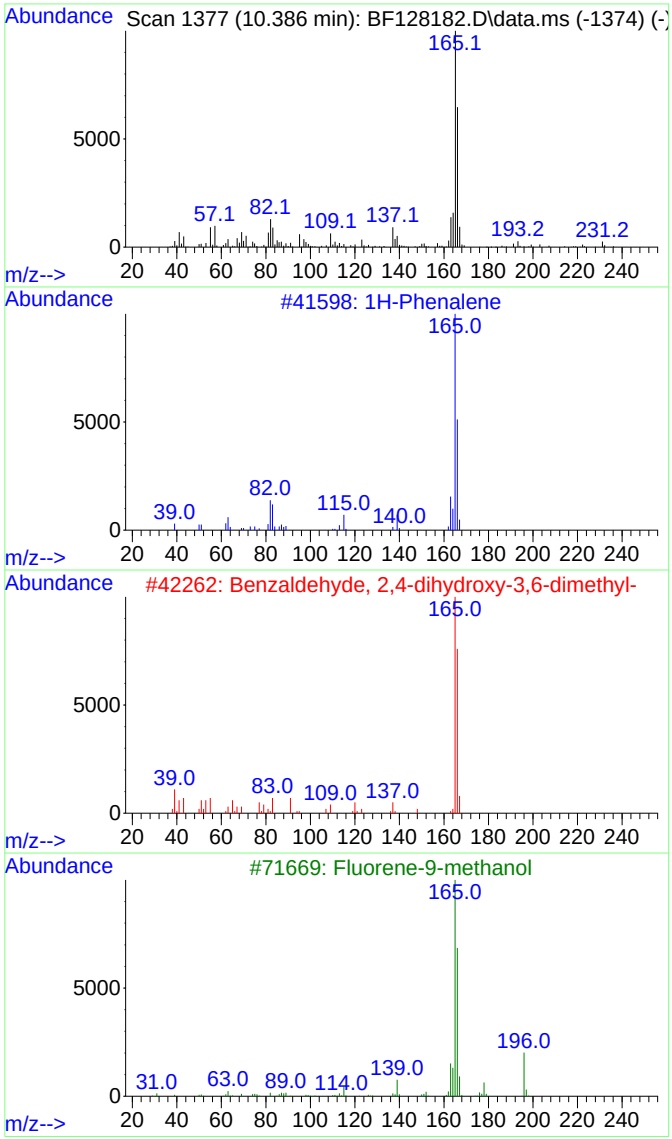
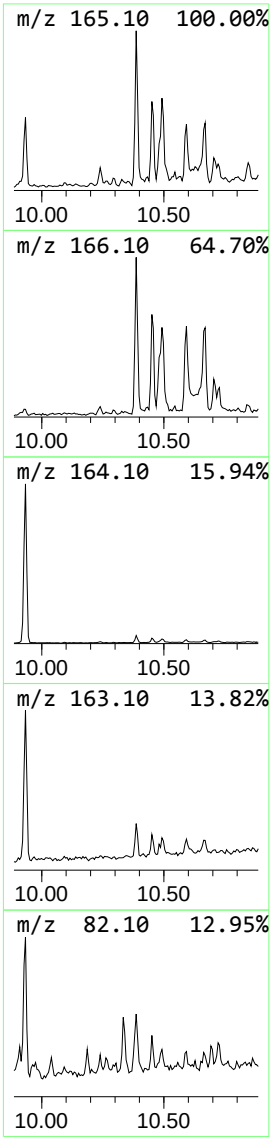
Peak Number 12 1H-Phenalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.386	6.44 ng	183755	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Phenalene	166	C13H10	000203-80-5	81
2	Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	72
3	Fluorene-9-methanol	196	C14H12O	024324-17-2	72
4	Benzaldehyde, 2-hydroxy-4-methox...	166	C9H10O3	034883-08-4	59
5	9H-Fluorene, 9-(1-methylethyl)-	208	C16H16	003299-99-8	59





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ALS Vial : 24 Sample Multiplier: 1

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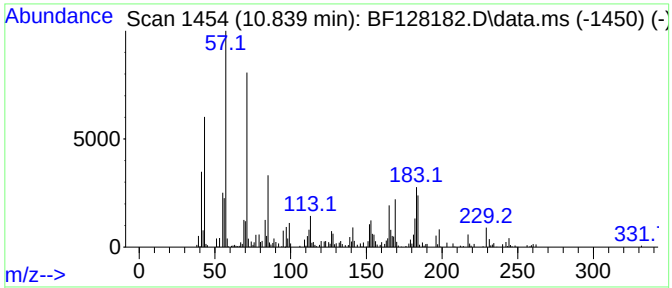
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

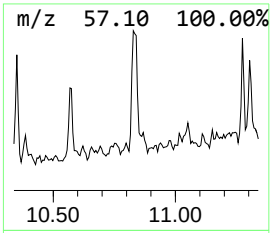
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

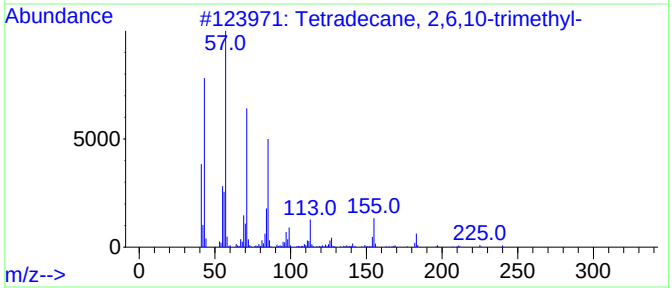
****
Peak Number 13 Tetradecane, 2,6,10-trimethyl- Concentration Rank 5

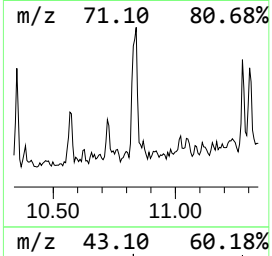
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.839	11.75 ng	284824	Phenanthrene-d10	11.427

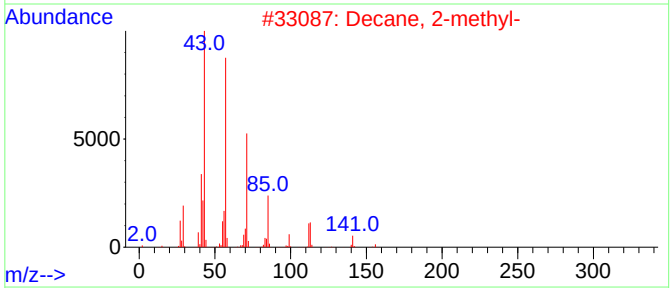
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	59
2	Decane, 2-methyl-	156	C11H24	006975-98-0	46
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	43
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	43
5	Heptacosane	380	C27H56	000593-49-7	43

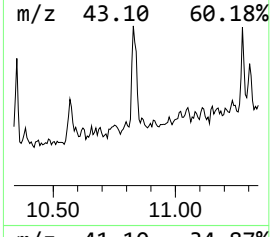


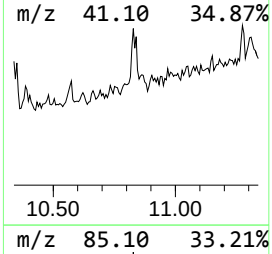


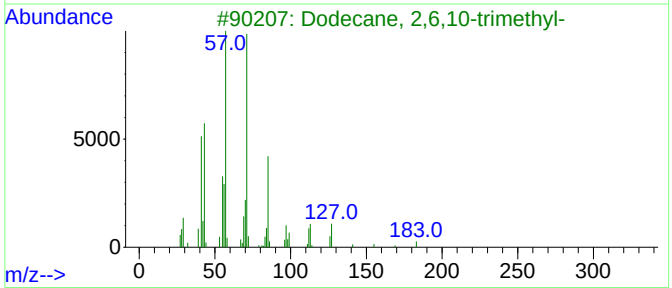


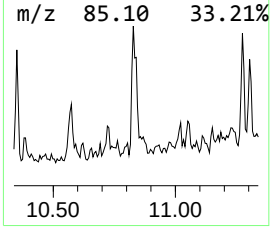












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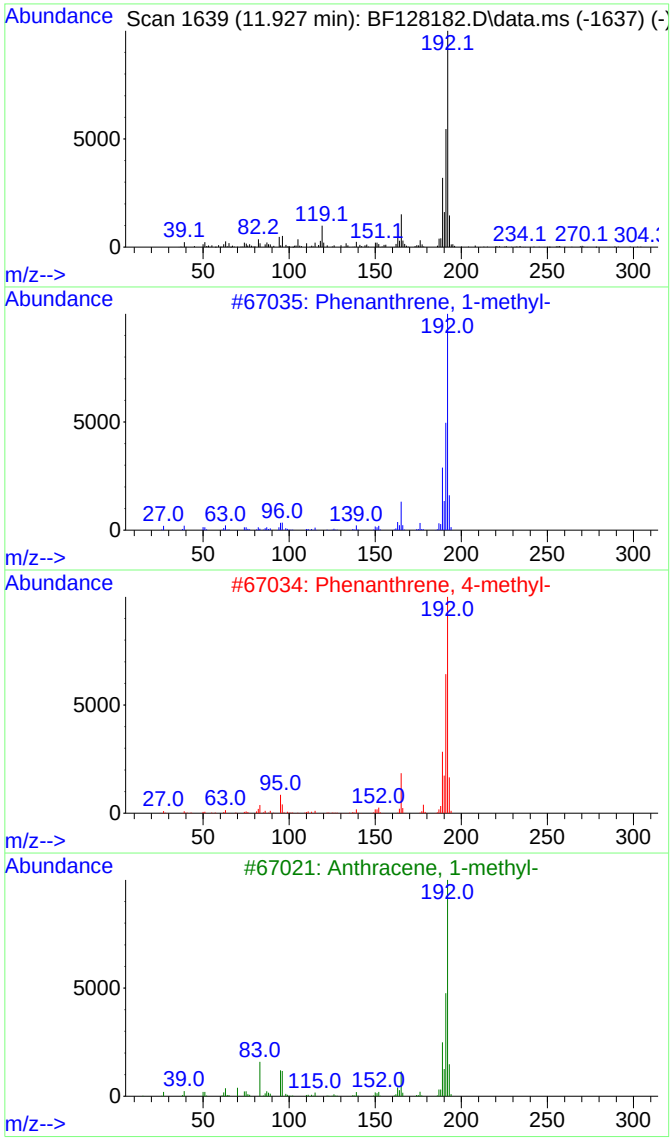
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

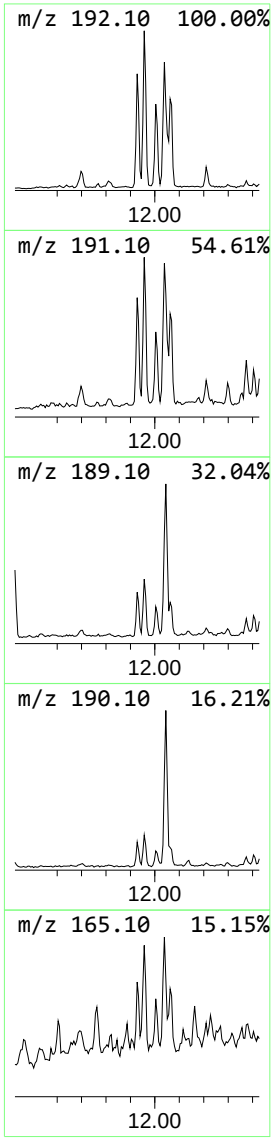
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	10.34 ng	250626	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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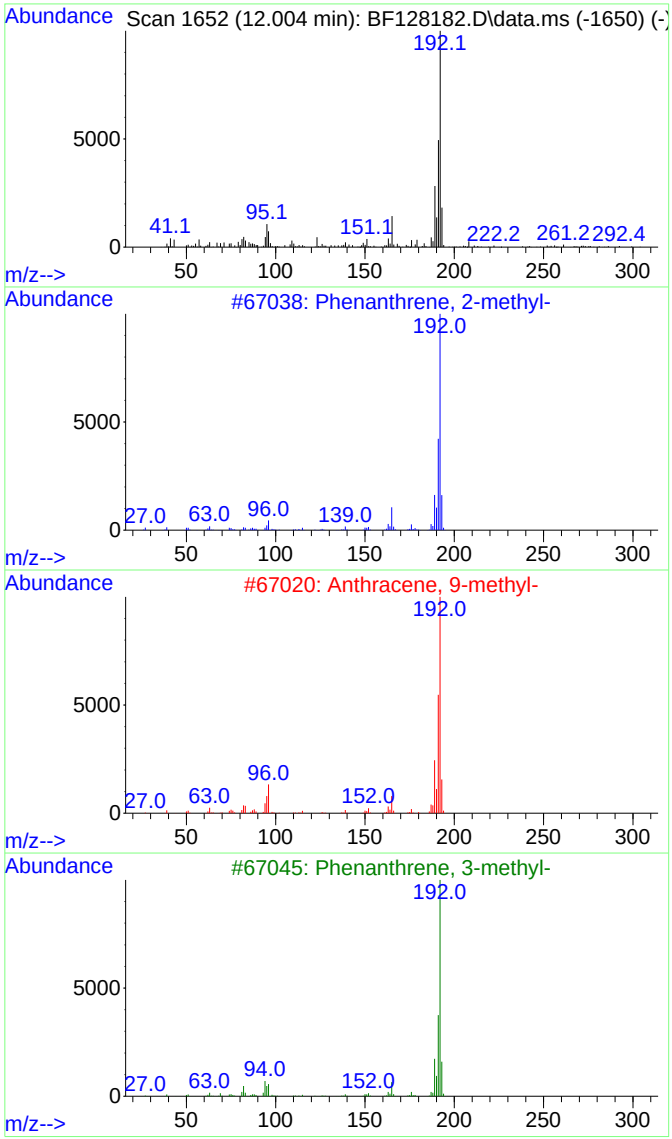
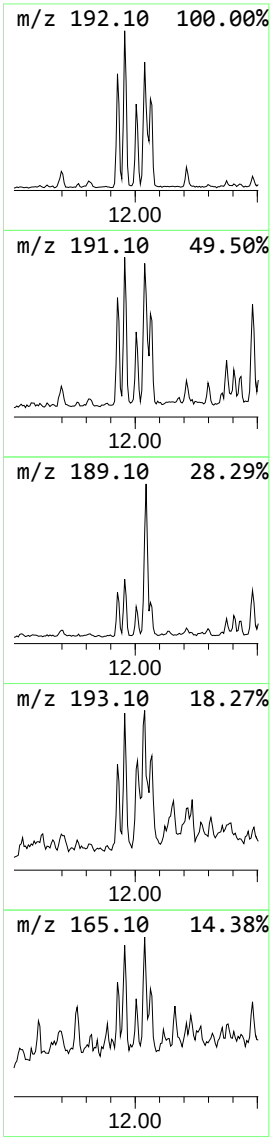
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	6.53 ng	158356	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83





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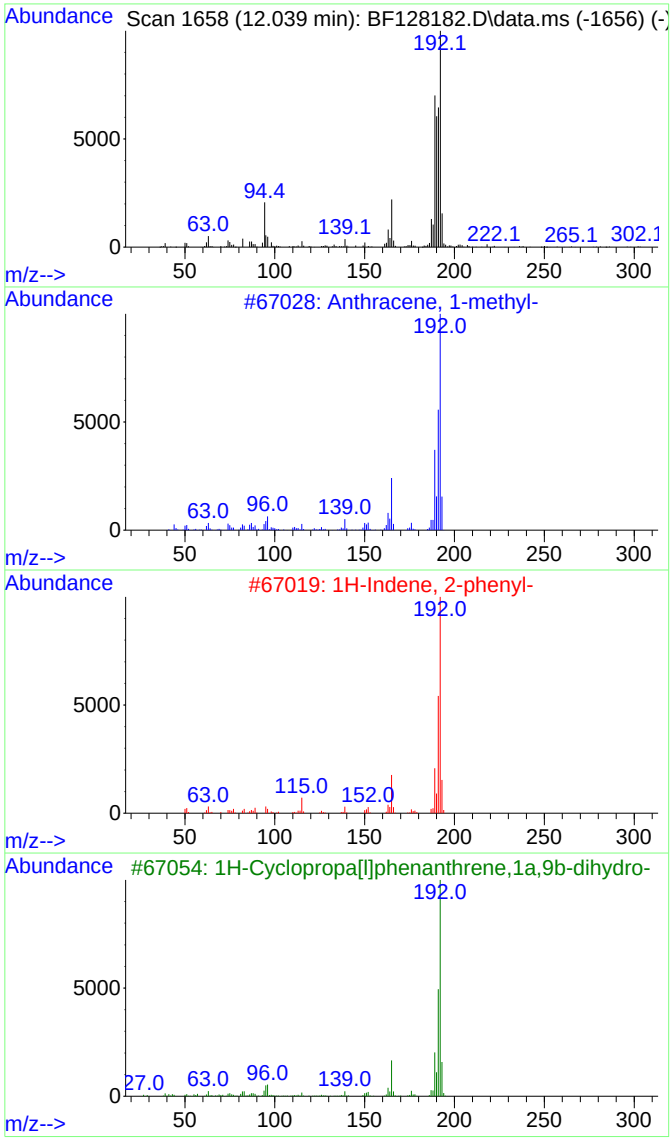
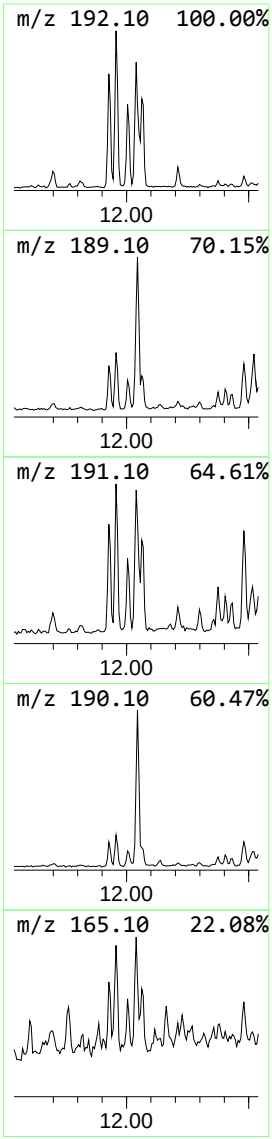
****
Peak Number 16 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	15.18 ng	367876	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	70
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	60
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	60
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	60
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128182.D
Acq On : 11 May 2022 01:44
Operator : CG\JU
Sample : N2749-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

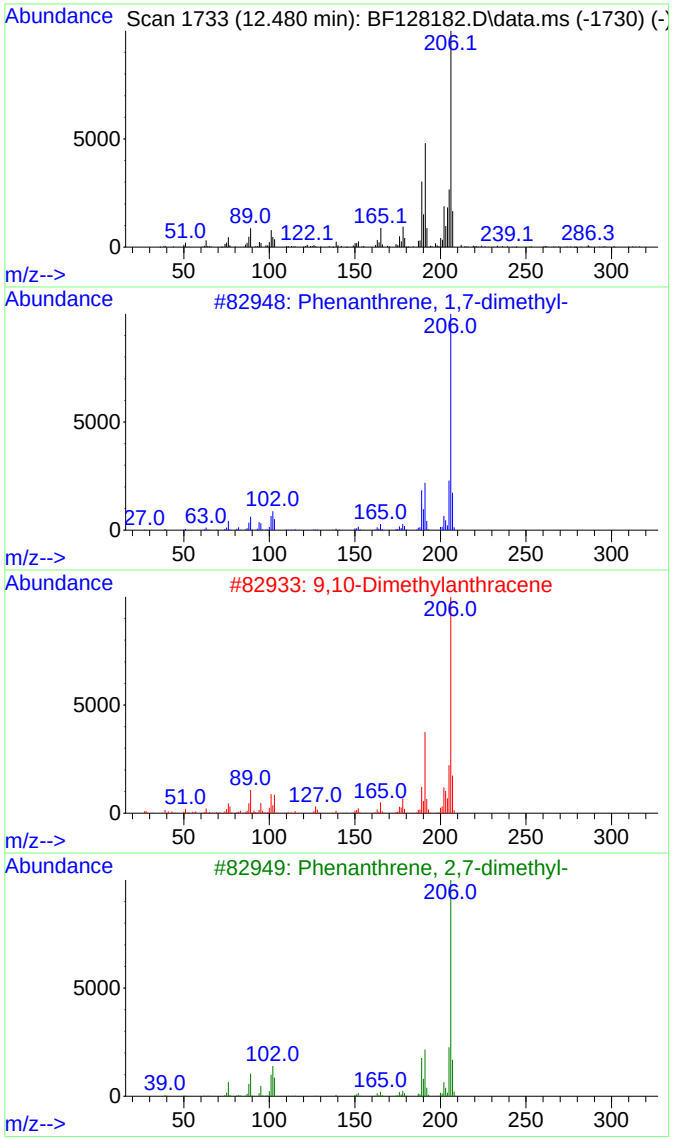
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

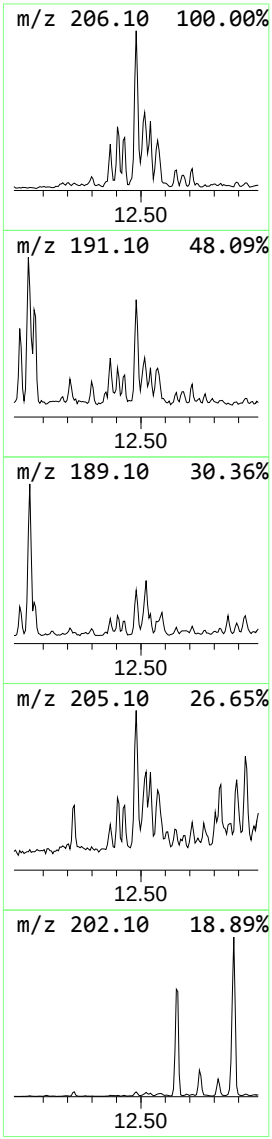
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Phenanthrene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.480	11.86 ng	287566	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128182.D
Acq On : 11 May 2022 01:44
Operator : CG\JU
Sample : N2749-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

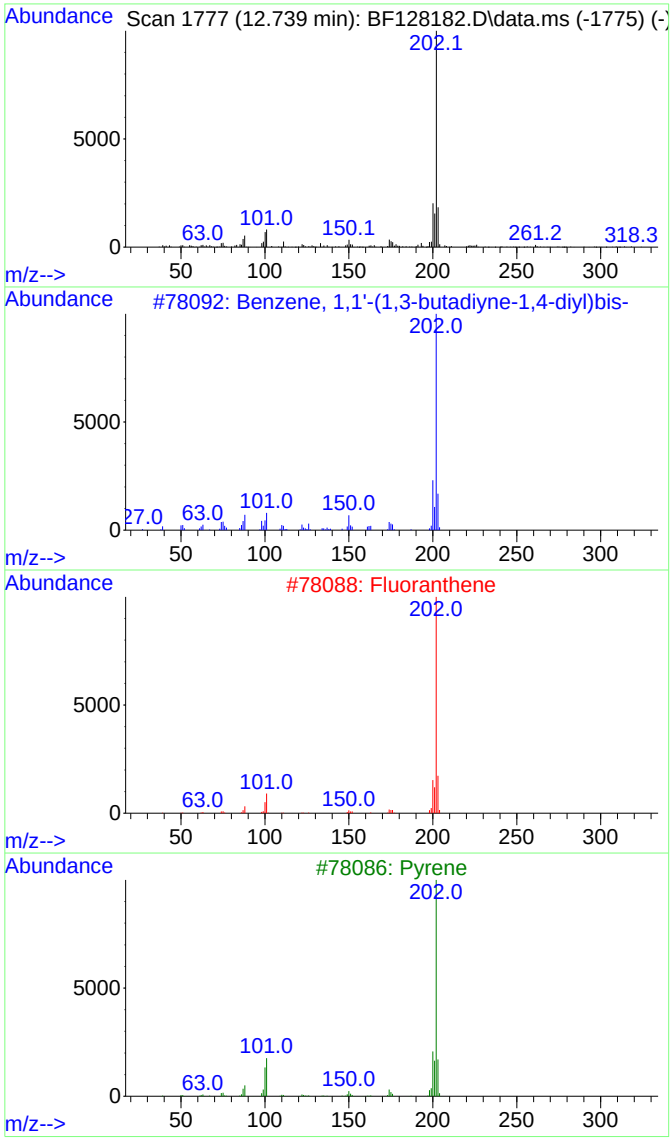
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

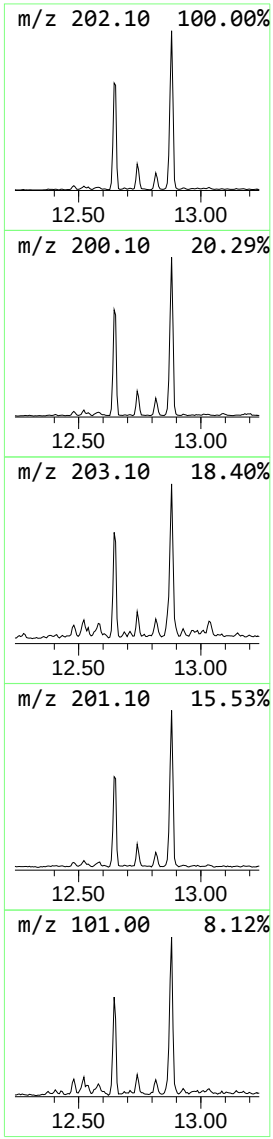
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.739	7.01 ng	169863	Phenanthrene-d10	11.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	90
2	Fluoranthene	202	C16H10	000206-44-0	90
3	Pyrene	202	C16H10	000129-00-0	89
4	5-(4-Methylphenyl)furan-2-carbox...	202	C12H10O3	1000305-27-5	50
5	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128182.D
Acq On : 11 May 2022 01:44
Operator : CG\JU
Sample : N2749-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

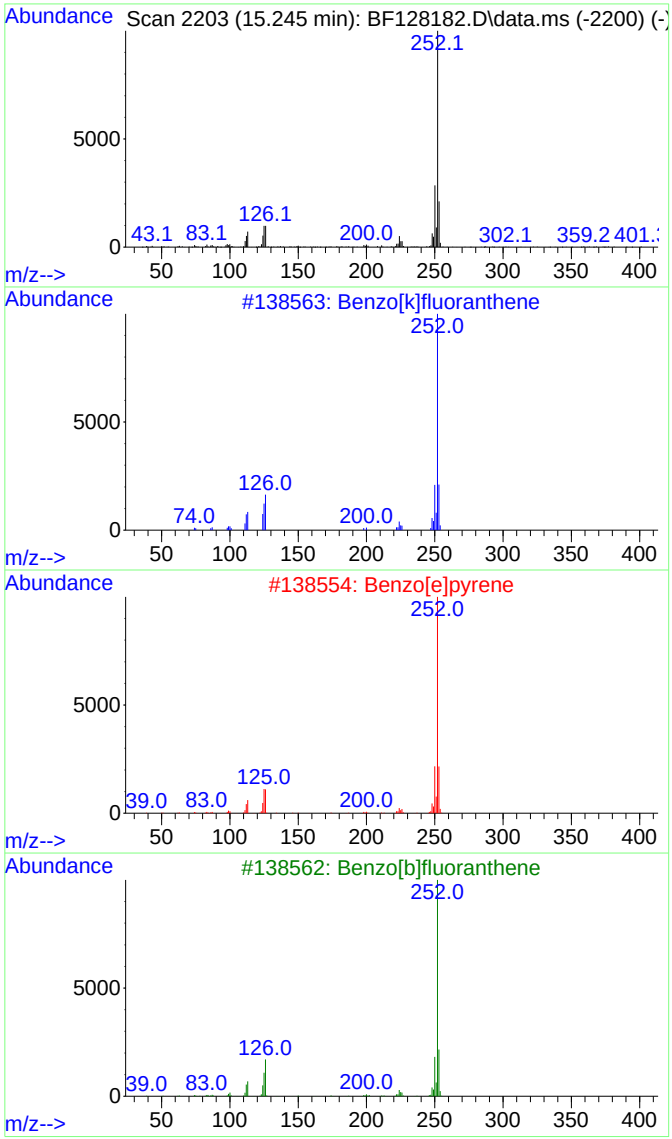
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

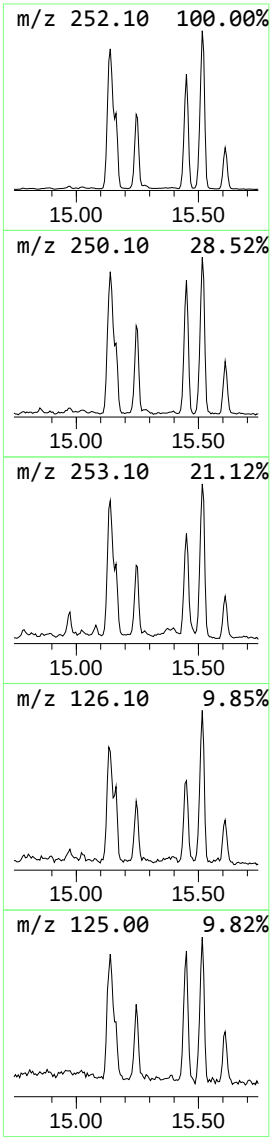
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.245	16.52 ng	298822	Perylene-d12	15.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Perylene	252	C20H12	000198-55-0	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128182.D
Acq On : 11 May 2022 01:44
Operator : CG\JU
Sample : N2749-07
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Bicyclo[4.2.0]o...	5.734	6.7	ng	158846	1	6.892	476043	20.0
Benzene, 1-ethe...	6.722	9.2	ng	218507	1	6.892	476043	20.0
1-Propyne, 3-ph...	7.151	6.2	ng	148334	1	6.892	476043	20.0
Benzenemethanet...	7.751	8.3	ng	251363	2	8.175	603718	20.0
o-Cymene	8.386	6.1	ng	184717	2	8.175	603718	20.0
p-Cymene	8.445	9.2	ng	276349	2	8.175	603718	20.0
unknown9.322	9.322	5.5	ng	156054	3	9.933	570377	20.0
unknown9.633	9.633	5.4	ng	154989	3	9.933	570377	20.0
Naphthalene, 2-...	9.657	6.1	ng	172899	3	9.933	570377	20.0
1,1'-Biphenyl, ...	10.239	5.7	ng	161337	3	9.933	570377	20.0
unknown10.333	10.333	10.4	ng	296939	3	9.933	570377	20.0
1H-Phenalene	10.386	6.4	ng	183755	3	9.933	570377	20.0
Tetradecane, 2,...	10.839	11.8	ng	284824	4	11.427	484823	20.0
Phenanthrene, 1...	11.927	10.3	ng	250626	4	11.427	484823	20.0
Phenanthrene, 2...	12.004	6.5	ng	158356	4	11.427	484823	20.0
Anthracene, 1-m...	12.039	15.2	ng	367876	4	11.427	484823	20.0
Phenanthrene, 1...	12.480	11.9	ng	287566	4	11.427	484823	20.0
Benzene, 1,1'-(...	12.739	7.0	ng	169863	4	11.427	484823	20.0
Benzo[e]pyrene	15.245	16.5	ng	298822	6	15.580	361858	20.0