LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128178.D
Acq On : 10 May 2022 23:50
Operator : CG\JU
Sample : N2749-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-2

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: BF128178.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.993	286	290	296	rVB	29505	39260	1.78%	0.129%
2	5.487	541	544	545	rBV	42068	38519	1.75%	0.126%
3	5.516	545	549	552	rVV	2143254	1960415	89.02%	6.420%
4	5.734	583	586	591	rBV2	58154	71347	3.24%	0.234%
5	6.522	715	720	723	rBV	2029102	2020680	91.76%	6.617%
6	6.716	749	753	759	rBV2	72878	100716	4.57%	0.330%
7	6.892	779	783	786	rBV	576867	495571	22.50%	1.623%
8	7.151	822	827	833	rBV2	51493	64568	2.93%	0.211%
9	7.457	874	879	882	rBV	1490399	1408056	63.94%	4.611%
10	7.745	926	928	933	rBV	96404	86771	3.94%	0.284%
11	8.175	997	1001	1003	rVV	712636	641481	29.13%	2.101%
12	8.192	1003	1004	1007	rVB	212017	148906	6.76%	0.488%
13	8.386	1035	1037	1041	rBV	62104	48249	2.19%	0.158%
14	8.445	1044	1047	1054	rVB	87352	93913	4.26%	0.308%
15	8.751	1096	1099	1104	rBV2	44904	36327	1.65%	0.119%
16	8.886	1119	1122	1125	rBV2	126846	107453	4.88%	0.352%
17	8.945	1129	1132	1135	rBV2	28054	32544	1.48%	0.107%
18	8.986	1135	1139	1141	rBV	82891	70206	3.19%	0.230%
19	9.163	1166	1169	1171	rBV3	23786	29294	1.33%	0.096%
20	9.251	1178	1184	1187	rBV	2475194	2202113	100.00%	7.211%
21	9.322	1192	1196	1199	rVV2	73326	72554	3.29%	0.238%
22	9.516	1224	1229	1232	rBV	59260	83371	3.79%	0.273%
23	9.551	1232	1235	1238	rVV2	26968	30456	1.38%	0.100%
24	9.586	1238	1241	1243	rVV	95592	95483	4.34%	0.313%
25	9.633	1247	1249	1251	rVV2	55315	58267	2.65%	0.191%
26	9.651	1251	1252	1257	rVB	64161	52465	2.38%	0.172%
27	9.704	1258	1261	1266	rVB	46043	44520	2.02%	0.146%
28	9.792	1273	1276	1278	rBV	309697	240635	10.93%	0.788%
29	9.839	1281	1284	1288	rVB2	45756	69653	3.16%	0.228%
30	9.910	1293	1296	1297	rVV	59500	59023	2.68%	0.193%
31	9.933	1297	1300	1303	rVV	800357	671238	30.48%	2.198%
32	9.963	1303	1305	1308	rVB2	119501	94710	4.30%	0.310%
33	10.033	1313	1317	1321	rBV	42934	58857	2.67%	0.193%
34	10.086	1322	1326	1328	rVV4	27186	43218	1.96%	0.142%
35	10.133	1331	1334	1337	rVV2	97601	111808	5.08%	0.366%
36	10.169	1338	1340	1344	rVB	73788	64661	2.94%	0.212%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128178.D
Acq On : 10 May 2022 23:50
Operator : CG\JU
Sample : N2749-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

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	10.245	1349	1353	1355	rBV2	84453	105511	4.79%	0.346%
38	10.275	1356	1358	1360	rVV	40547	27870	1.27%	0.091%
39	10.333	1364	1368	1370	rBV3	87028	111053	5.04%	0.364%
40	10.386	1374	1377	1379	rBV	73959	67006	3.04%	0.219%
41	10.480	1390	1393	1399	rVB3	91470	128077	5.82%	0.419%
42	10.545	1399	1404	1405	rBV5	35183	47997	2.18%	0.157%
43	10.563	1405	1407	1410	rVB2	38388	33514	1.52%	0.110%
44	10.592	1410	1412	1414	rBV2	40105	38068	1.73%	0.125%
45	10.722	1430	1434	1438	rBV	1493939	1392721	63.24%	4.561%
46	10.839	1449	1454	1461	rVB4	85693	159531	7.24%	0.522%
47	11.027	1482	1486	1489	rBV3	70946	105279	4.78%	0.345%
48	11.057	1489	1491	1493	rVB	55909	40630	1.85%	0.133%
49	11.110	1498	1500	1503	rVB2	52203	44710	2.03%	0.146%
50	11.227	1517	1520	1524	rVB2	88022	77310	3.51%	0.253%
51	11.274	1525	1528	1530	rBV2	64409	61086	2.77%	0.200%
52	11.422	1550	1553	1555	rBV	724234	626392	28.45%	2.051%
53	11.445	1555	1557	1563	rVB	631169	568668	25.82%	1.862%
54	11.498	1563	1566	1569	rBV	300851	237722	10.80%	0.778%
55	11.927	1636	1639	1641	rBV	191421	201106	9.13%	0.659%
56	11.951	1641	1643	1647	rVB	278858	253239	11.50%	0.829%
57	12.004	1649	1652	1654	rBV	109123	102653	4.66%	0.336%
58	12.039	1654	1658	1660	rBV2	269157	295829	13.43%	0.969%
59	12.221	1686	1689	1691	rBV	132797	103657	4.71%	0.339%
60	12.251	1691	1694	1696	rVB2	68711	59394	2.70%	0.194%
61	12.369	1712	1714	1717	rBV	54983	41865	1.90%	0.137%
62	12.404	1718	1720	1722	rVB	69576	49746	2.26%	0.163%
63	12.474	1729	1732	1735	rBV	198669	205676	9.34%	0.674%
64	12.563	1745	1747	1752	rVB2	114481	126693	5.75%	0.415%
65	12.645	1757	1761	1764	rBV	1288494	1138294	51.69%	3.728%
66	12.733	1774	1776	1779	rBV	108674	98205	4.46%	0.322%
67	12.874	1794	1800	1805	rBV	1308756	1382292	62.77%	4.527%
68	12.921	1805	1808	1812	rVB2	107730	117844	5.35%	0.386%
69	13.010	1819	1823	1826	rBV	1670316	1385739	62.93%	4.538%
70	13.086	1833	1836	1843	rVB4	127026	207155	9.41%	0.678%
71	13.198	1848	1855	1858	rVB	277874	420547	19.10%	1.377%
72	13.263	1864	1866	1869	rVV	195304	149708	6.80%	0.490%
73	13.304	1870	1873	1875	rVB2	176445	158747	7.21%	0.520%
74	13.398	1886	1889	1891	rBV	125528	108050	4.91%	0.354%
75	13.427	1891	1894	1901	rVB	141015	171410	7.78%	0.561%
76	13.710	1939	1942	1946	rVB	117061	137011	6.22%	0.449%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128178.D
Acq On : 10 May 2022 23:50
Operator : CG\JU
Sample : N2749-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

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	13.845	1963	1965	1967	rVB	120975	84020	3.82%	0.275%
78	13.874	1967	1970	1975	rVV2	98869	160400	7.28%	0.525%
79	13.915	1975	1977	1986	rVB	161889	200751	9.12%	0.657%
80	14.068	1998	2003	2006	rBV2	886577	1319605	59.92%	4.321%
81	14.098	2006	2008	2014	rVB	791626	668082	30.34%	2.188%
82	14.180	2019	2022	2024	rBV2	103798	90450	4.11%	0.296%
83	14.215	2026	2028	2035	rBV3	113486	103080	4.68%	0.338%
84	14.421	2060	2063	2065	rBV2	67824	80028	3.63%	0.262%
85	14.457	2067	2069	2072	rVV	232070	198526	9.02%	0.650%
86	14.492	2072	2075	2077	rVB	116568	101744	4.62%	0.333%
87	14.580	2088	2090	2092	rBV2	110349	91903	4.17%	0.301%
88	14.604	2092	2094	2098	rVB	135430	110307	5.01%	0.361%
89	15.133	2178	2184	2187	rBV	690243	1186335	53.87%	3.885%
90	15.239	2198	2202	2205	rBV	223484	235694	10.70%	0.772%
91	15.445	2232	2237	2242	rVB	415886	597929	27.15%	1.958%
92	15.510	2243	2248	2252	rVV	663496	845700	38.40%	2.769%
93	15.568	2254	2258	2261	rVV	331378	458543	20.82%	1.502%
94	15.604	2261	2264	2270	rVB2	195975	276046	12.54%	0.904%
95	16.145	2353	2356	2361	rVB2	63638	79939	3.63%	0.262%
96	17.086	2510	2516	2525	rVB2	275991	543420	24.68%	1.780%
97	17.268	2542	2547	2552	rBV	59894	115363	5.24%	0.378%
98	17.327	2553	2557	2562	rVB2	46971	88431	4.02%	0.290%
99	17.551	2588	2595	2605	rVB	215579	448770	20.38%	1.470%
100	17.798	2631	2637	2647	rVB2	50300	117091	5.32%	0.383%

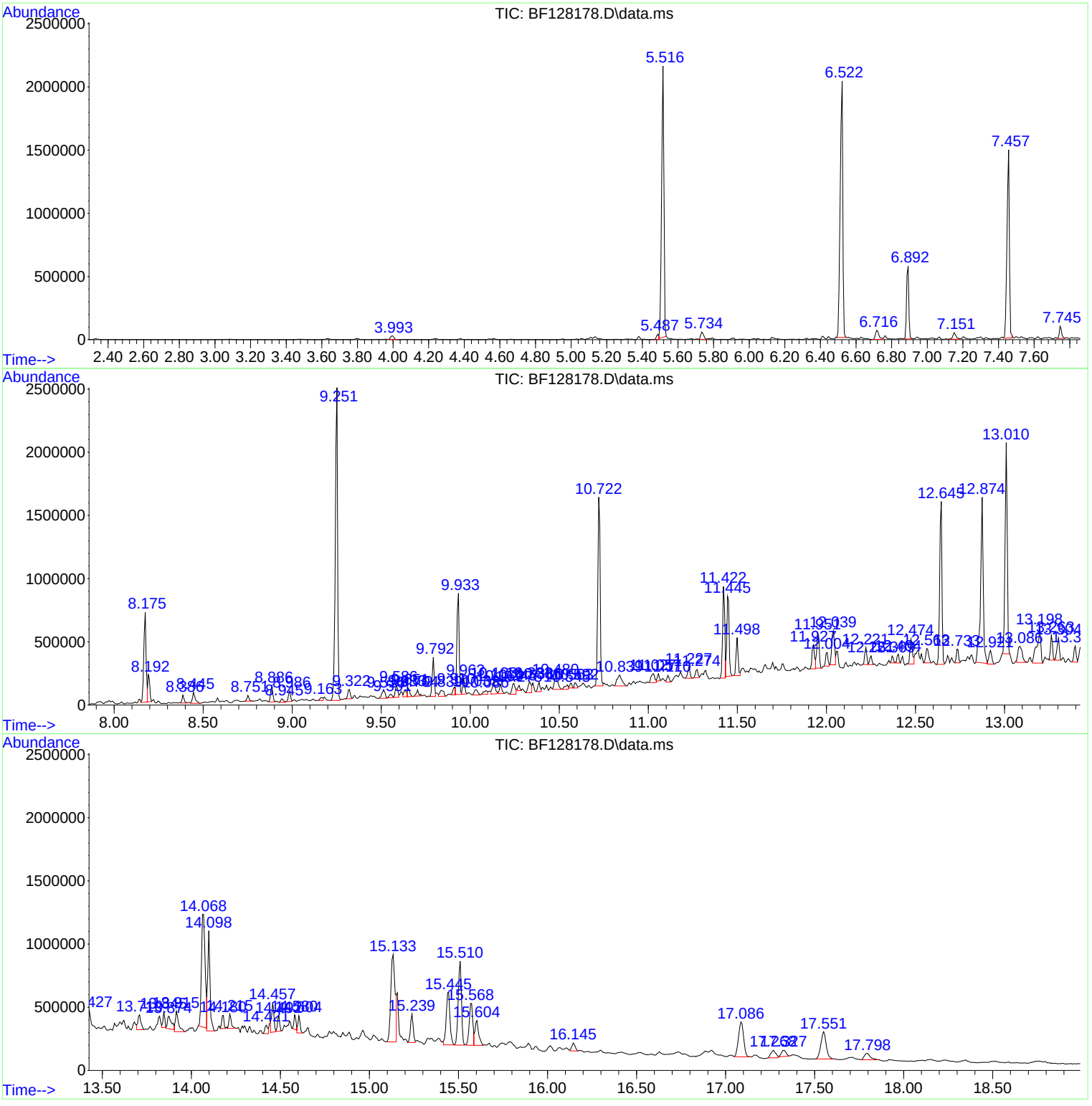
Sum of corrected areas: 30537470

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128178.D
Acq On : 10 May 2022 23:50
Operator : CG\JU
Sample : N2749-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

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 : BF128178.D
Acq On : 10 May 2022 23:50
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Instrument :
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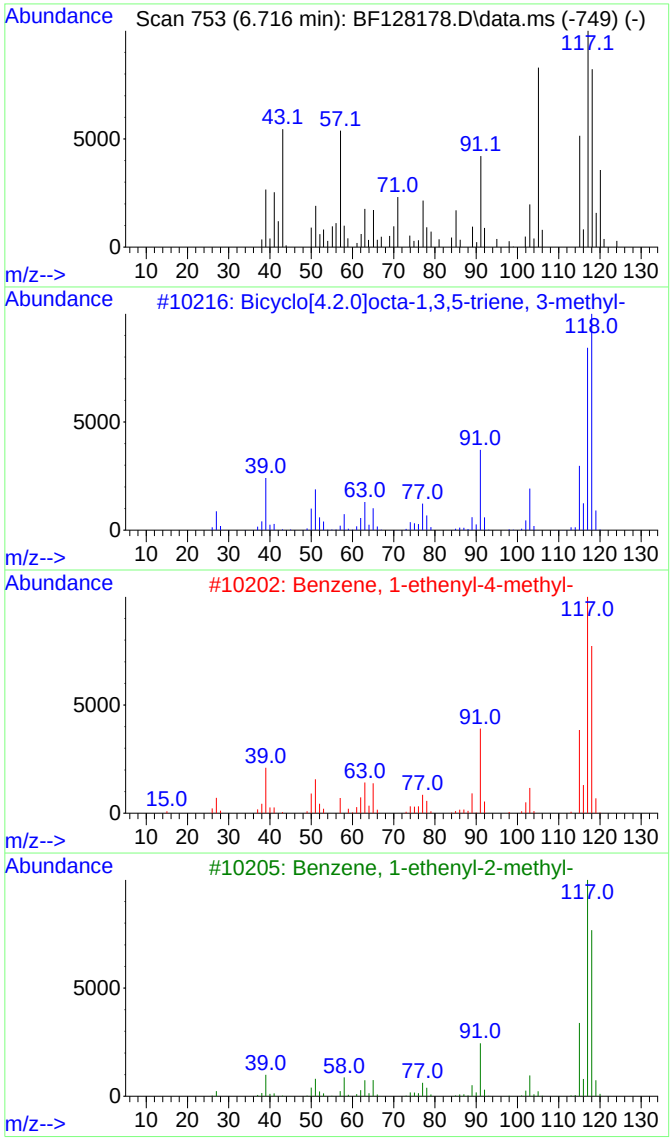
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

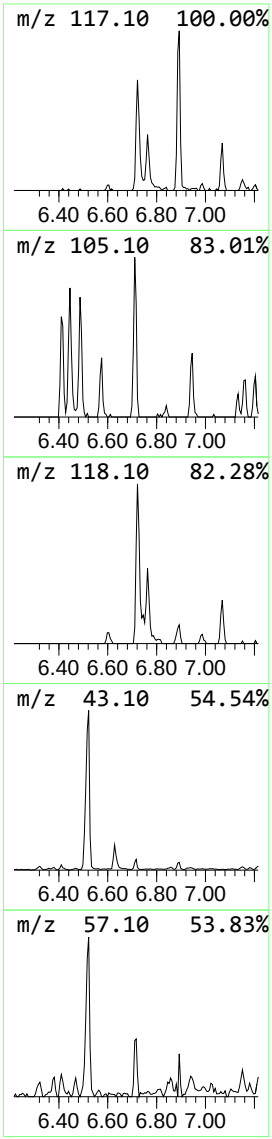
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Bicyclo[4.2.0]octa-1,3,5-tr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.716	4.06 ng	100716	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,...	118	C9H10	022250-74-4	83
2	Benzene, 1-ethenyl-4-methyl-	118	C9H10	000622-97-9	78
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	64
4	Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	60
5	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128178.D
Acq On : 10 May 2022 23:50
Operator : CG\JU
Sample : N2749-04
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ALS Vial : 20 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

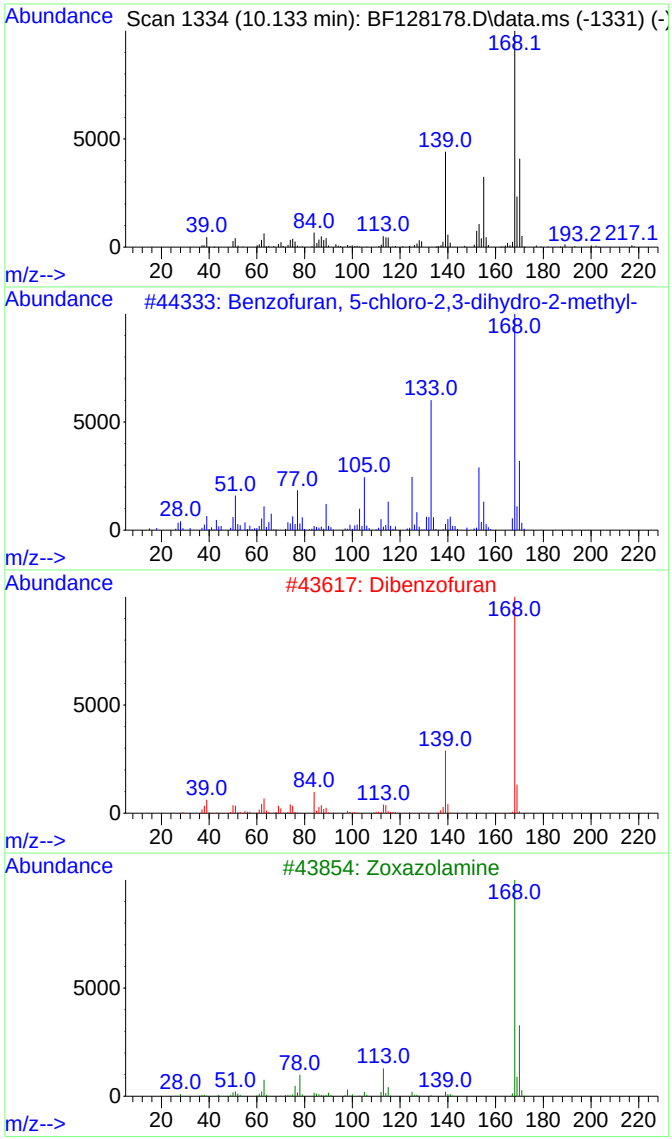
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

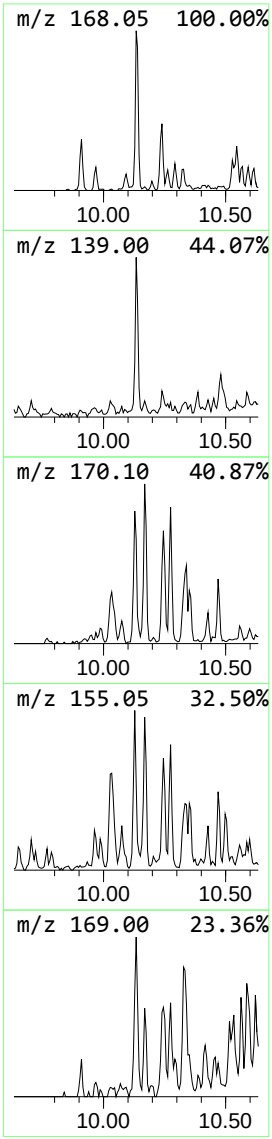
****

Peak Number 2 unknown10.133 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.133	3.33 ng	111808	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 5-chloro-2,3-dihydro...	168	C9H9ClO	054410-96-7	47
2	Dibenzofuran	168	C12H8O	000132-64-9	46
3	Zoxazolamine	168	C7H5ClN2O	000061-80-3	43
4	1-Methyl-1-(p-chlorphenyl)-1-sil...	196	C10H13ClSi	057465-49-3	42
5	6-Chloro-1,3-benzoxazol-2-amine	168	C7H5ClN2O	052112-68-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128178.D
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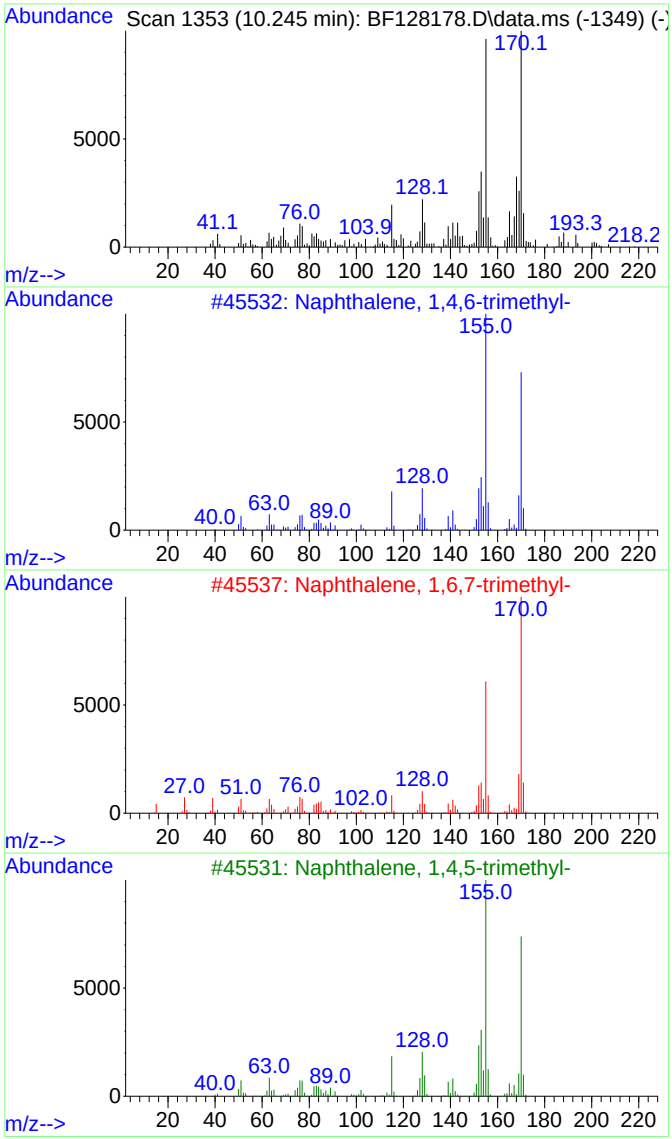
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

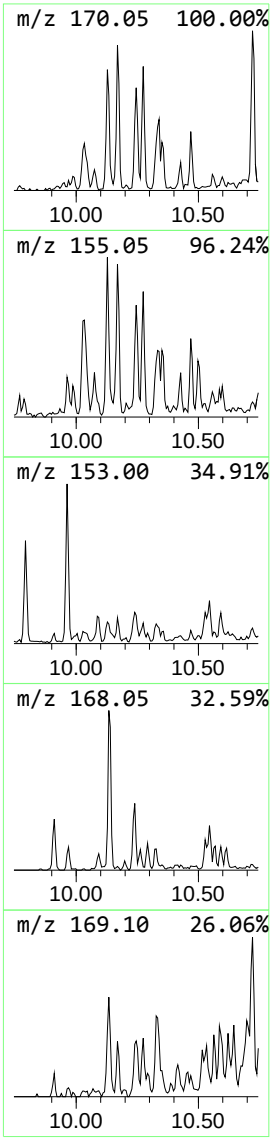
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.245	3.14 ng	105511	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	94
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128178.D
Acq On : 10 May 2022 23:50
Operator : CG\JU
Sample : N2749-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

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

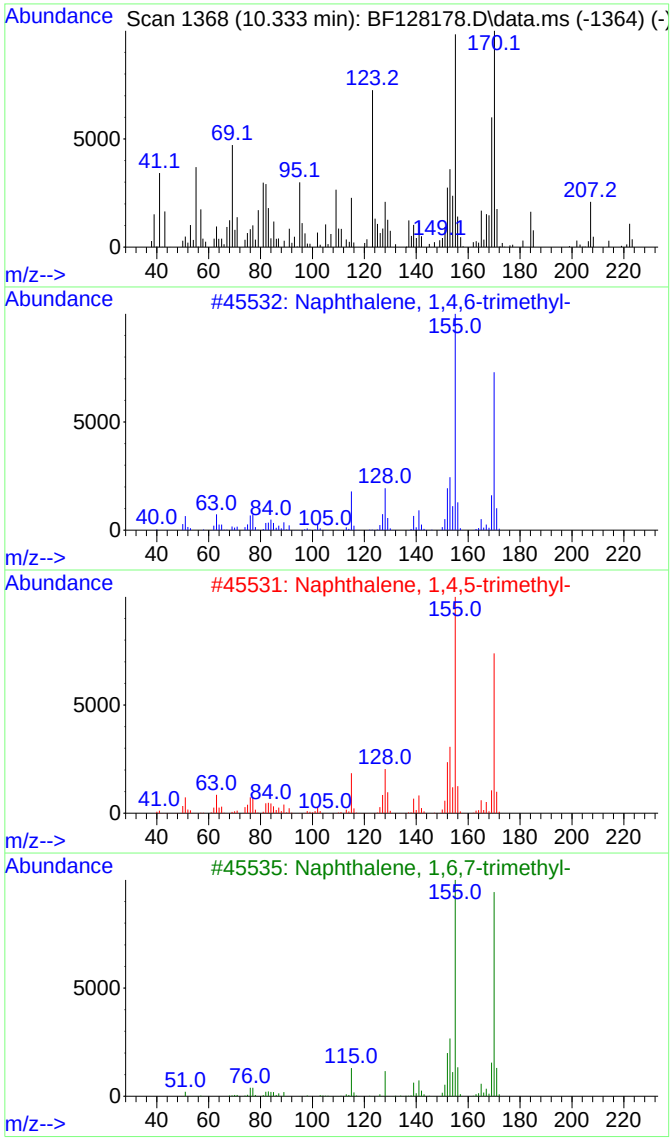
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

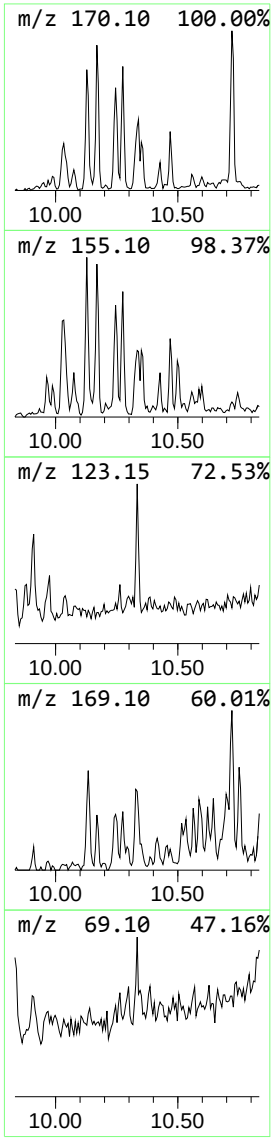
****

Peak Number 4 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.333	3.31 ng	111053	Acenaphthene-d10	9.933

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	83
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128178.D
Acq On : 10 May 2022 23:50
Operator : CG\JU
Sample : N2749-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

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

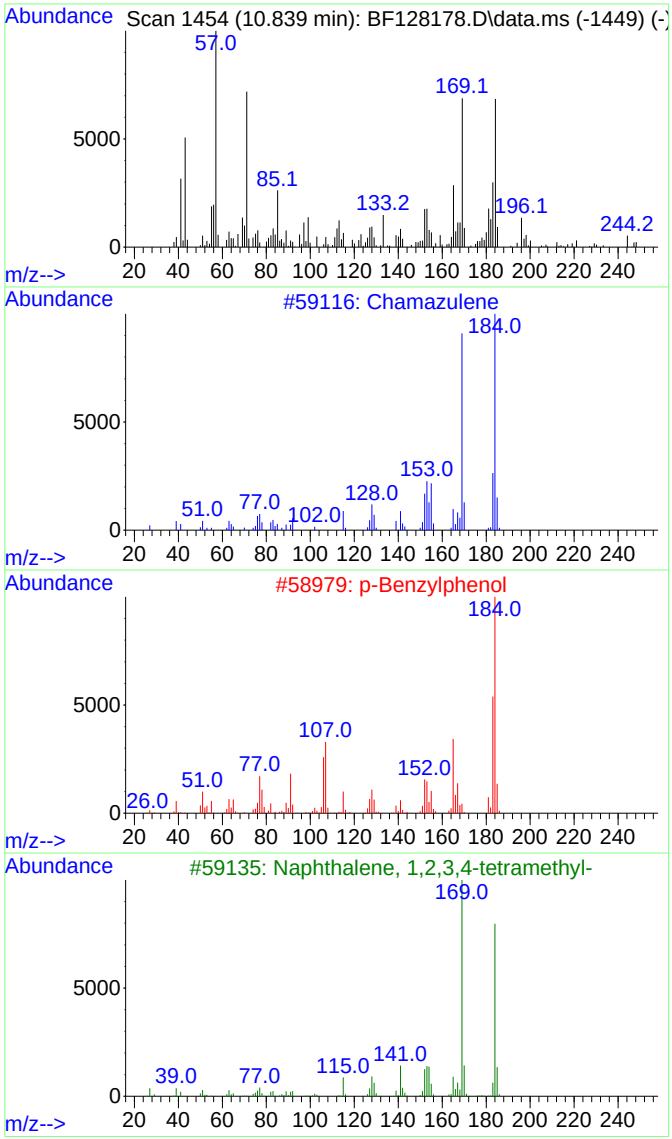
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

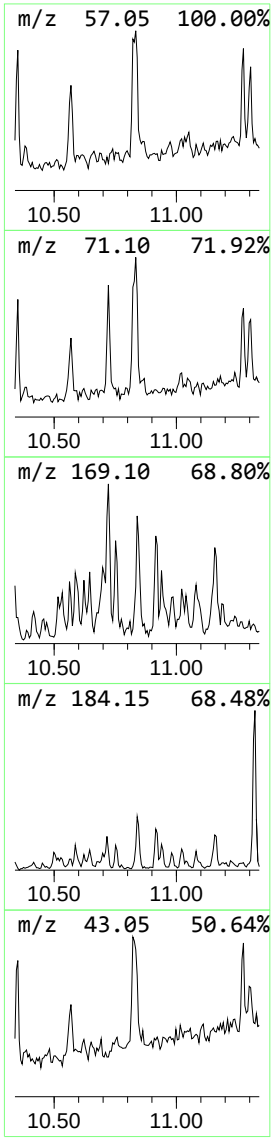
****

Peak Number 5 Chamazulene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.839	5.09 ng	159531	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	50
2	p-Benzylphenol	184	C13H12O	000101-53-1	46
3	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	46
4	3-Isopropyl- 1-methylnaphthalene	184	C14H16	1000383-71-4	46
5	2,4,6(1H,3H,5H)-Pyrimidinetrione...	184	C8H12N2O3	007391-61-9	45





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Acq On : 10 May 2022 23:50
Operator : CG\JU
Sample : N2749-04
Misc :
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ClientSampleId :
TP-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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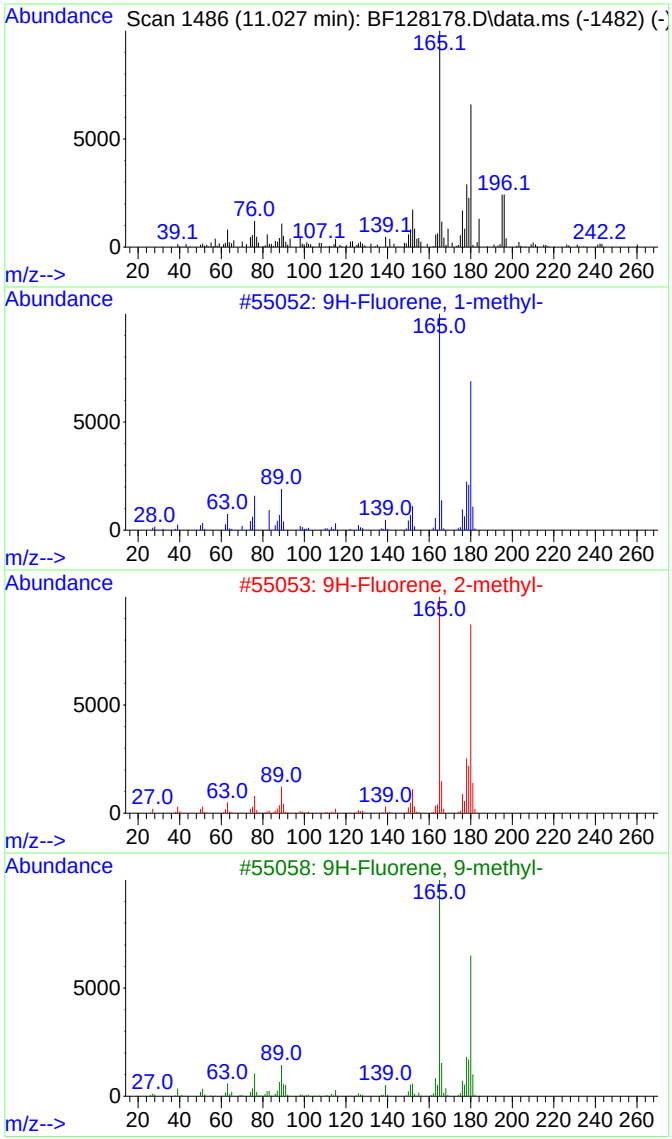
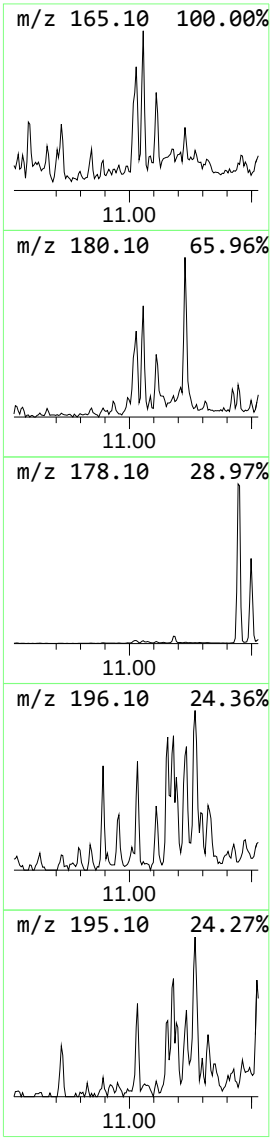
Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.027	3.36 ng	105279	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	91
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	60
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	55
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	49





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Sample : N2749-04
Misc :
ALS Vial : 20 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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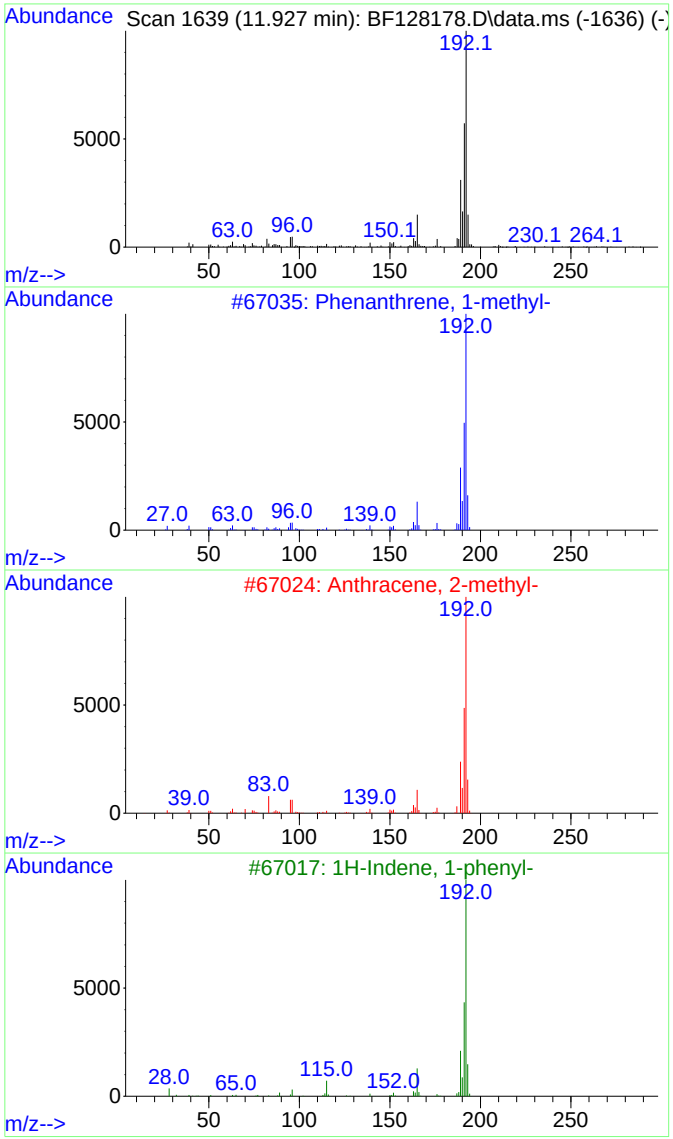
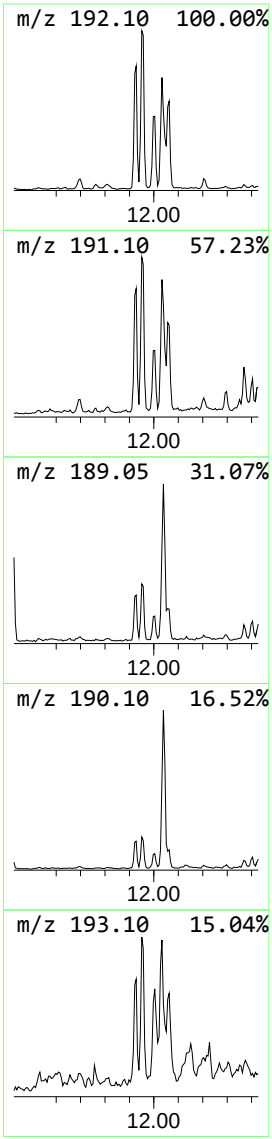
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	6.42 ng	201106	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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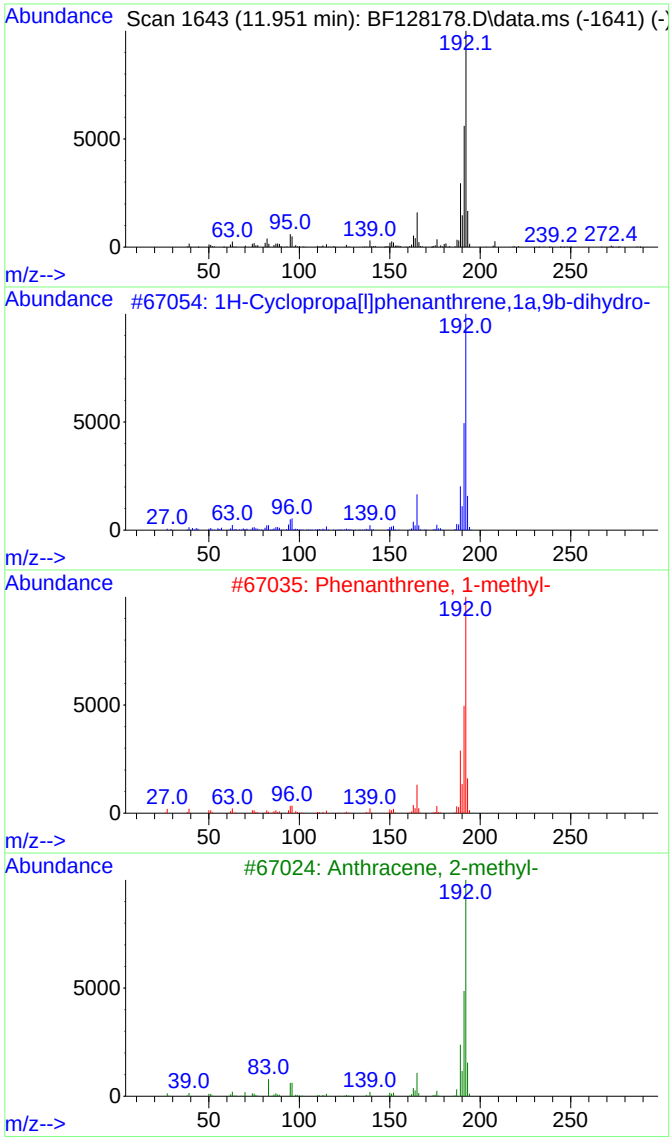
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

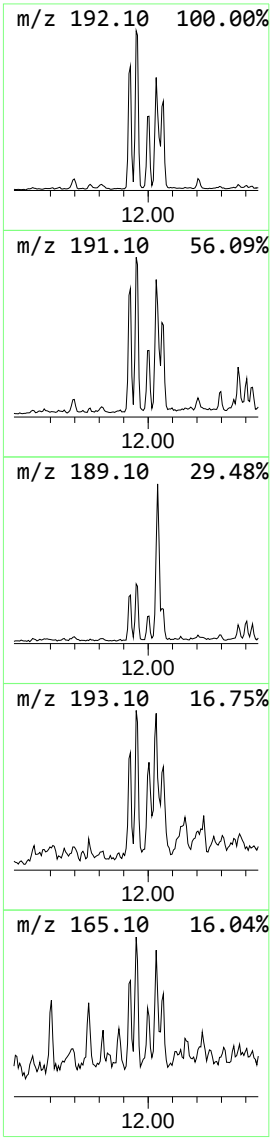
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.951	8.09 ng	253239	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Operator : CG\JU
Sample : N2749-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

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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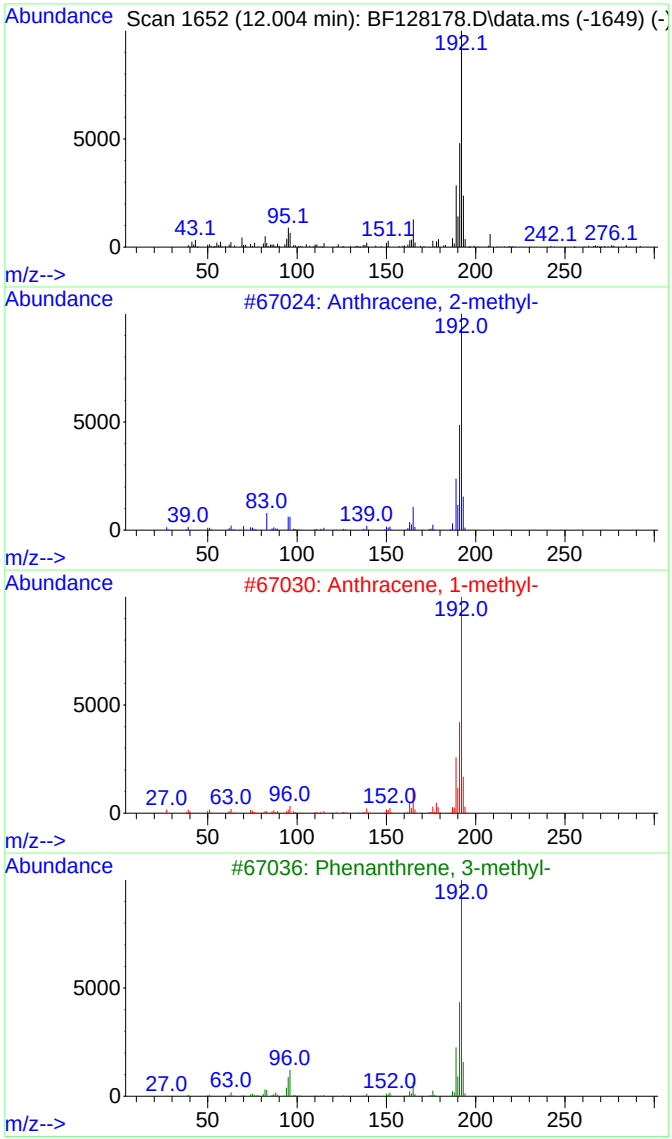
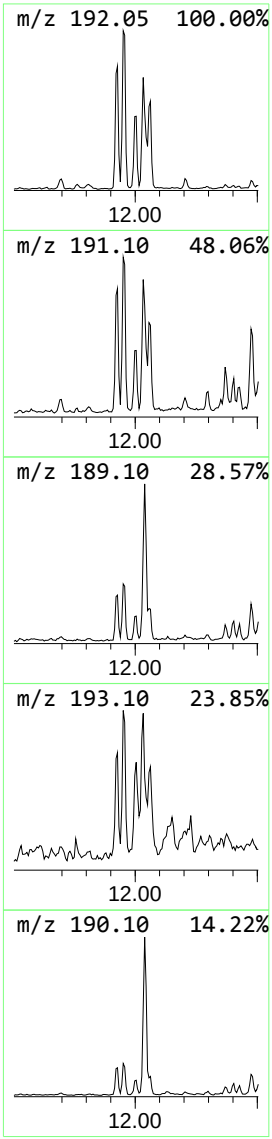
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	3.28 ng	102653	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	81
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81





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Misc :
ALS Vial : 20 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

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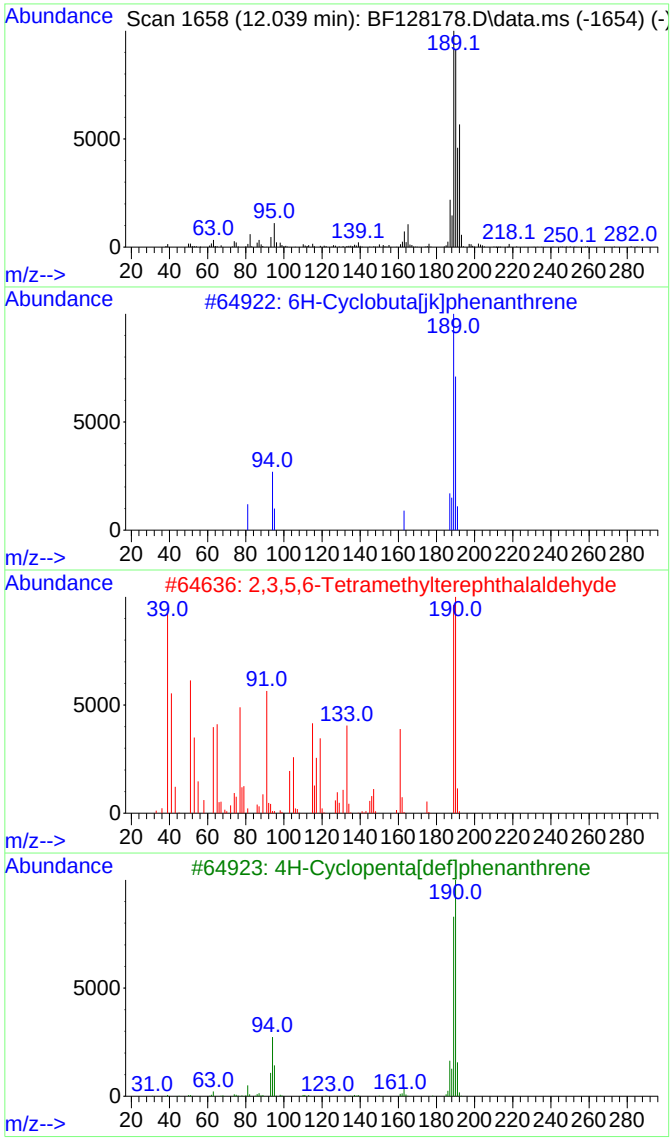
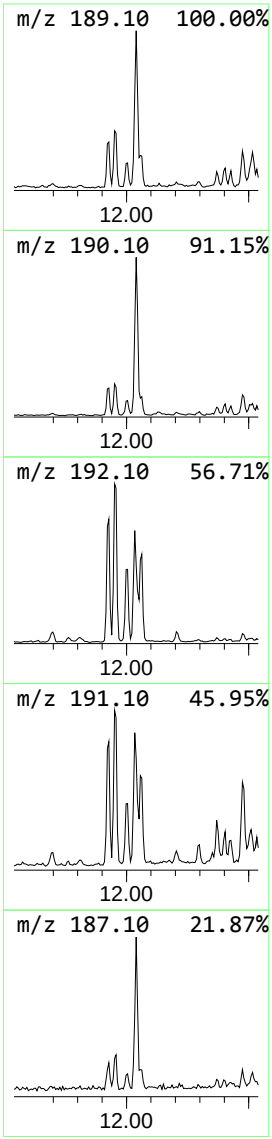
Peak Number 10 6H-Cyclobuta[jk]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.039	9.45 ng	295829	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
4	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40





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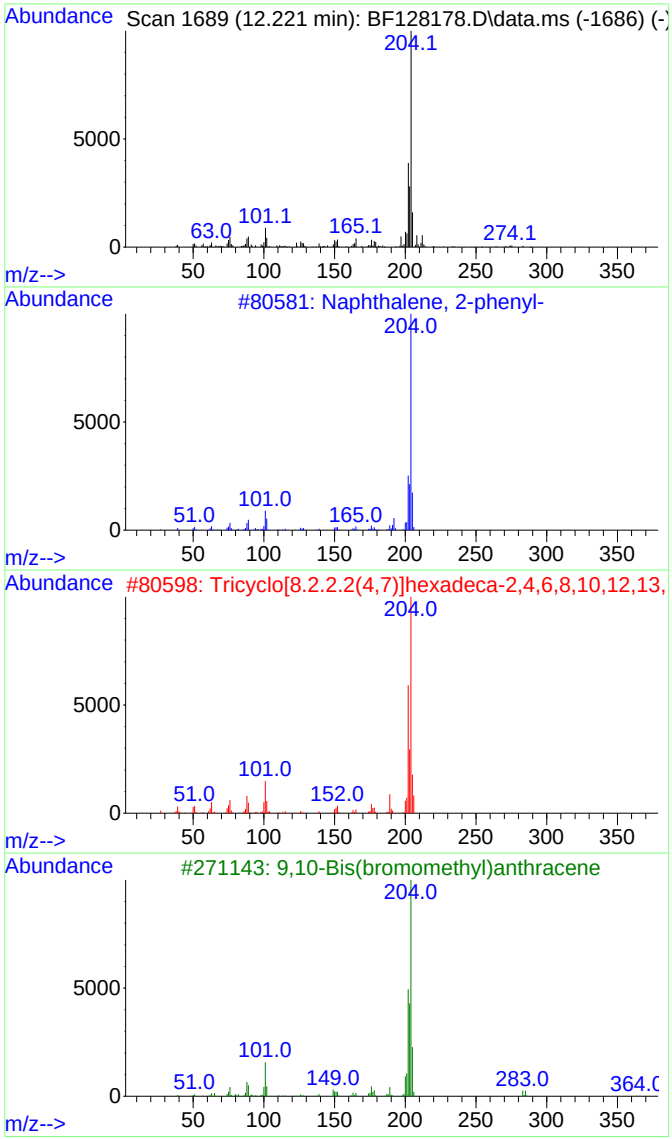
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

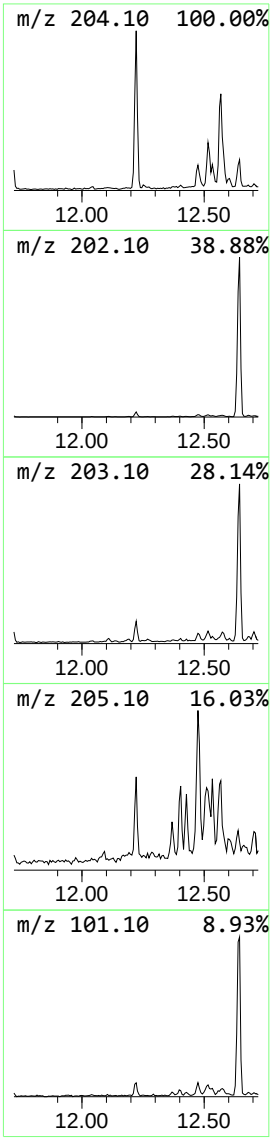
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.222	3.31 ng	103657	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	50
4	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	49
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49





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Operator : CG\JU
Sample : N2749-04
Misc :
ALS Vial : 20 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

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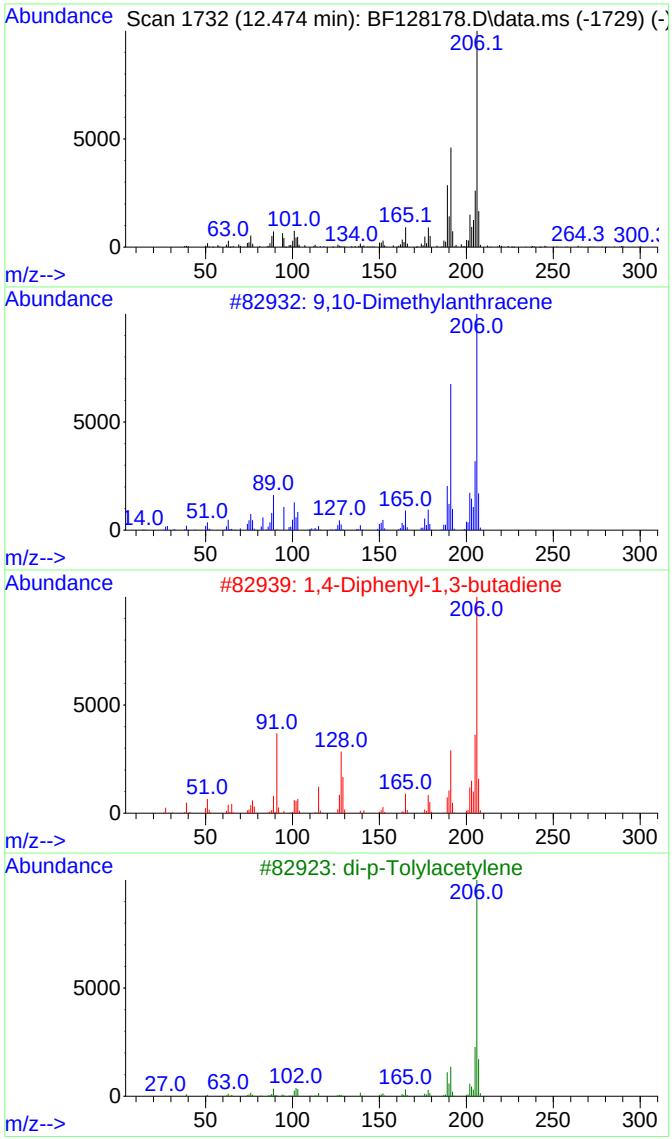
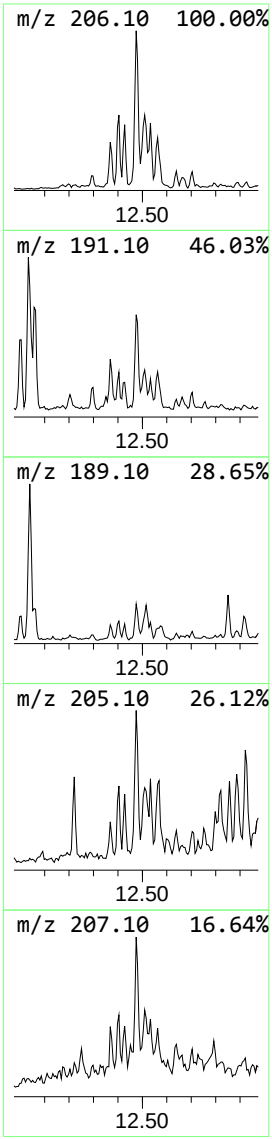
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.474	6.57 ng	205676	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	93
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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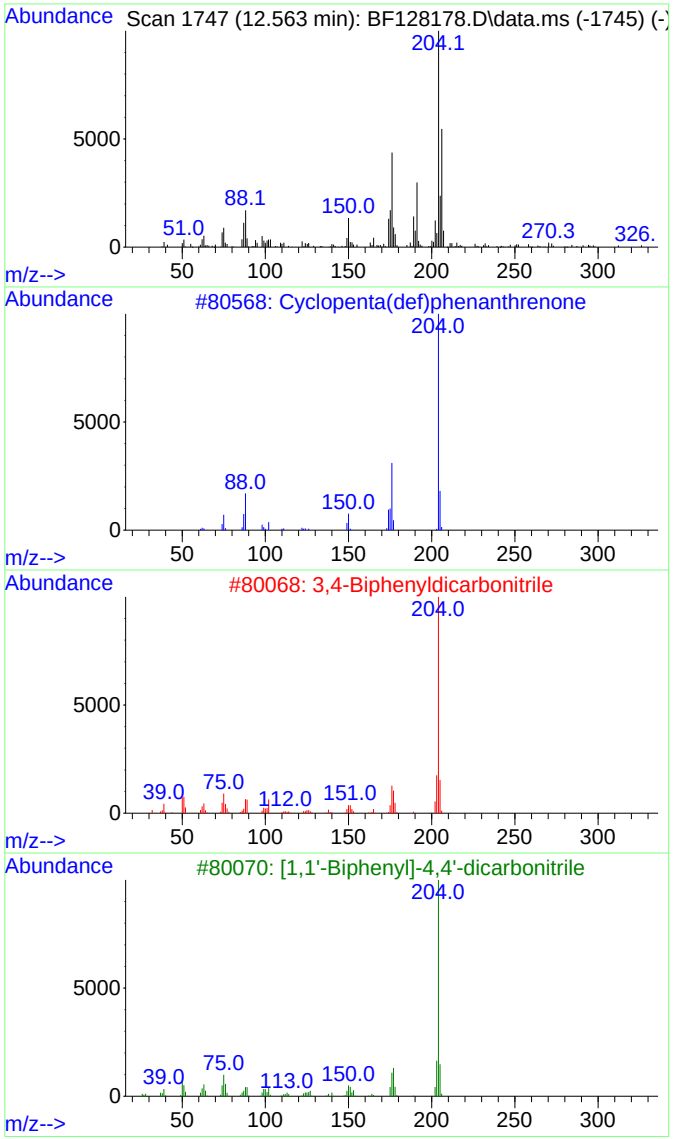
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

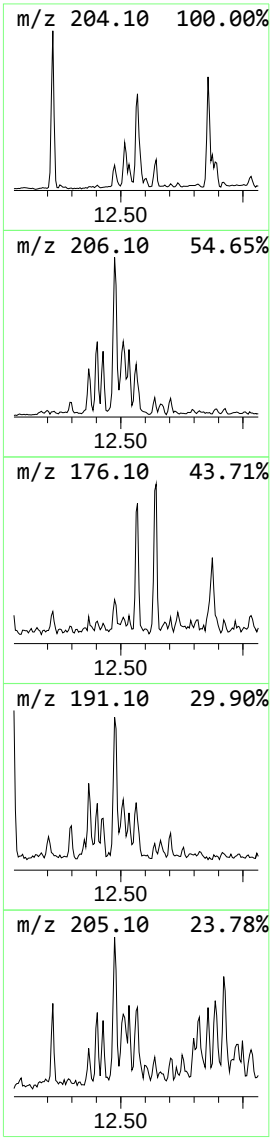
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.563	4.05 ng	126693	Phenanthrene-d10	11.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	38
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	35
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	35
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	25





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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

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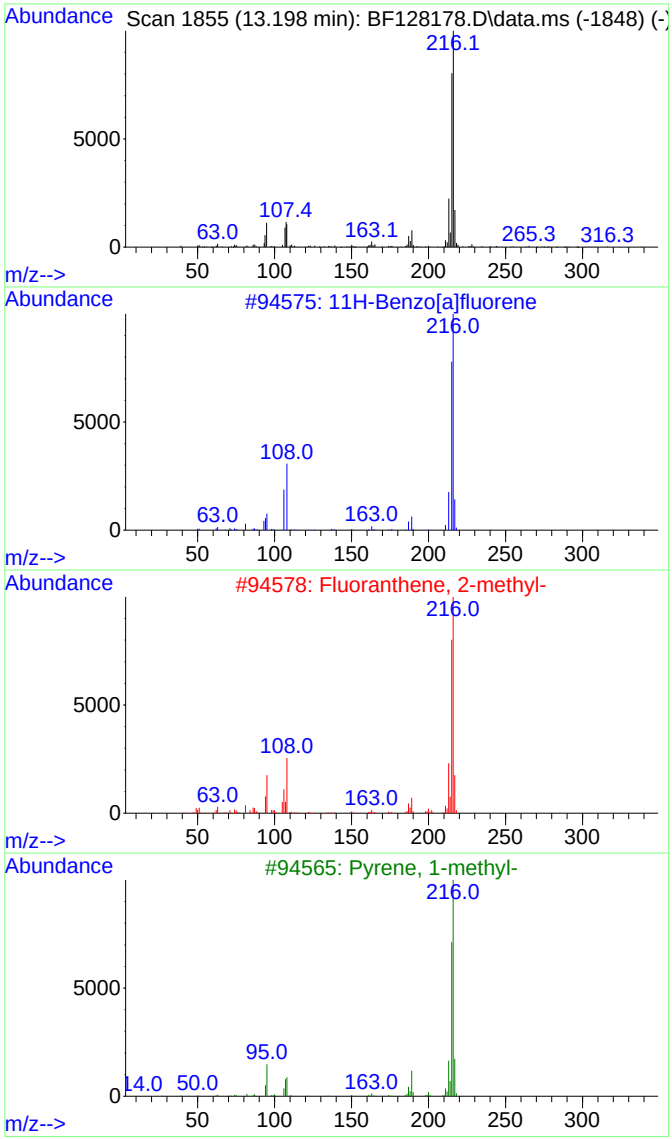
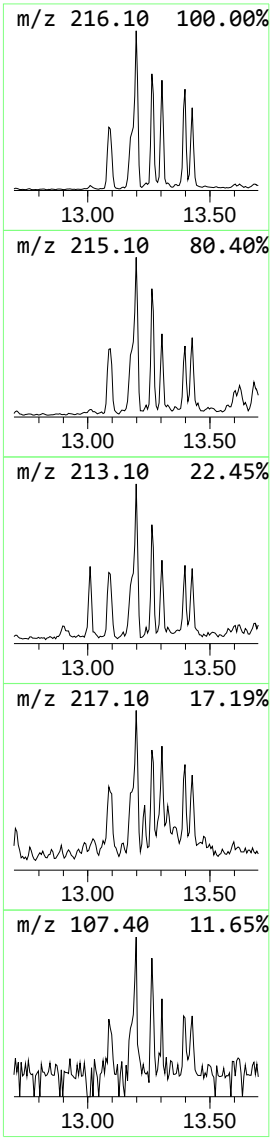
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.198	6.37 ng	420547	Chrysene-d12	14.074

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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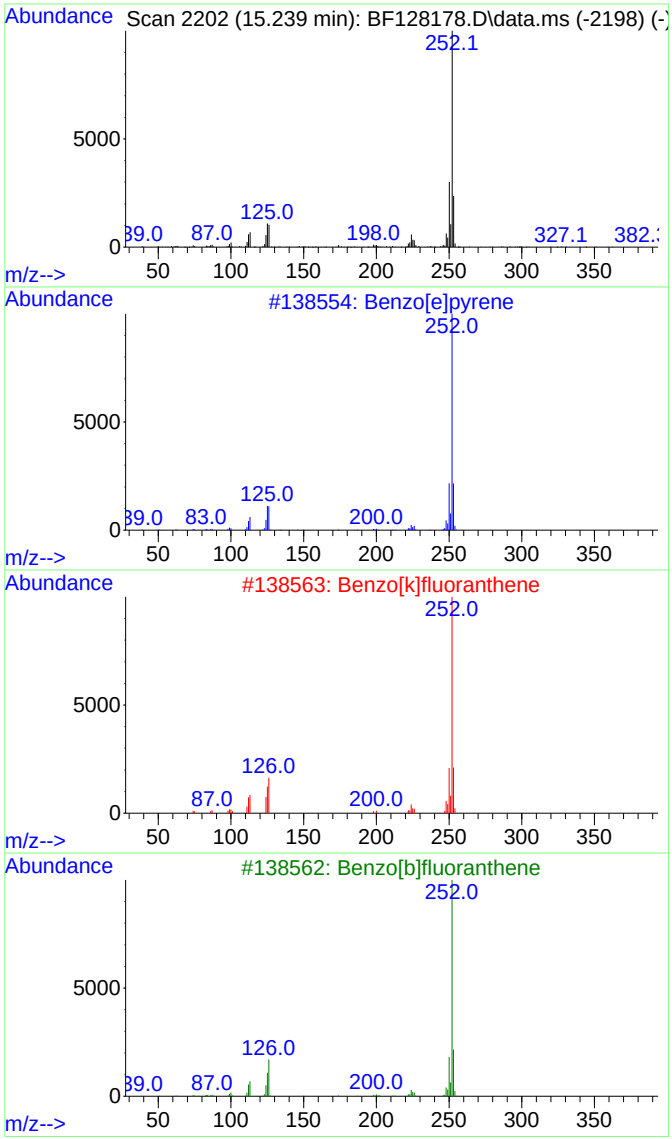
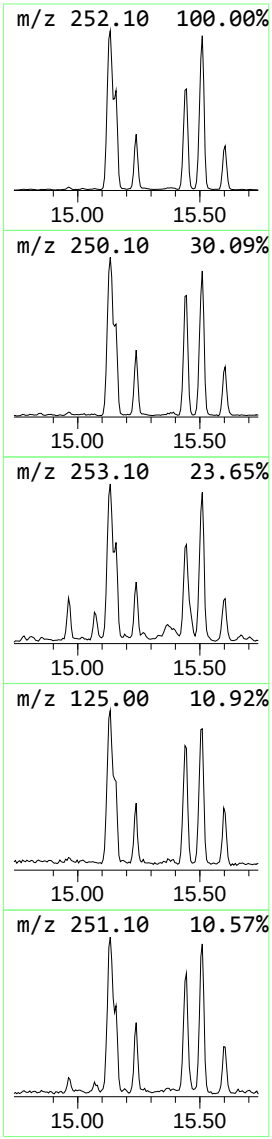
Peak Number 15 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.239	10.28 ng	235694	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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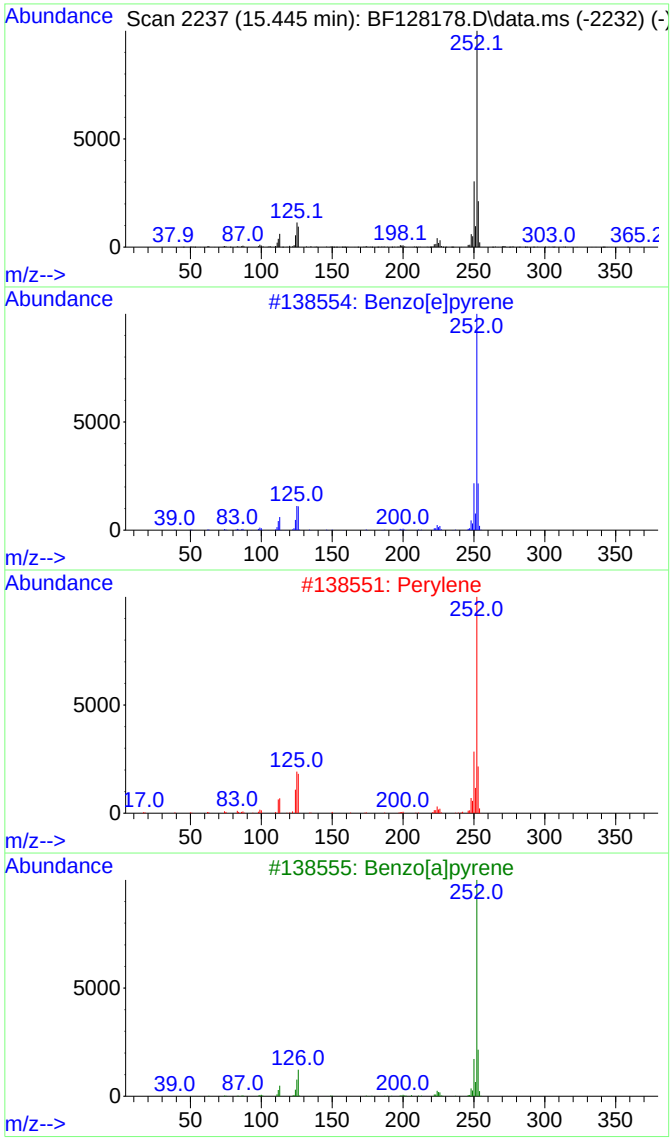
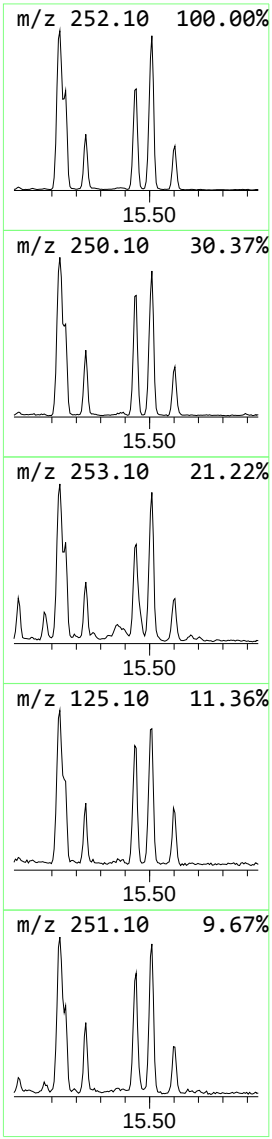
Peak Number 16 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.445	26.08 ng	597929	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





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Misc :
ALS Vial : 20 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

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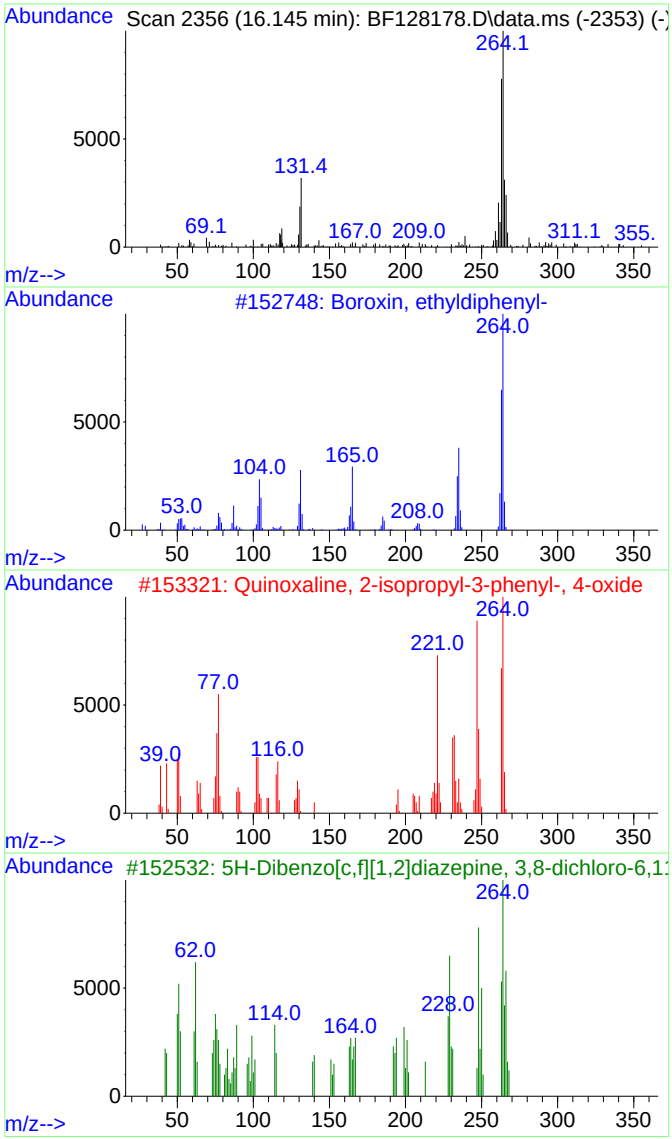
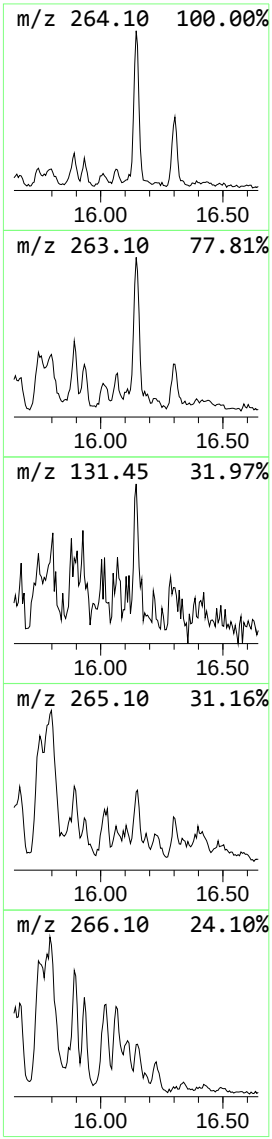
Peak Number 17 Boroxin, ethyldiphenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.145	3.49 ng	79939	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	53
2	Quinoxaline, 2-isopropyl-3-pheny...	264	C17H16N2O	016007-79-7	47
3	5H-Dibenzo[c,f][1,2]diazepine, 3...	264	C13H10Cl2N2	000955-66-8	43
4	1-(4-Methoxyphenyl)-5-methyl-4-p...	264	C17H16N2O	1000436-38-1	42
5	Indane-1,3-dione, 2-(4-methoxybe...	264	C17H12O3	007421-76-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128178.D
Acq On : 10 May 2022 23:50
Operator : CG\JU
Sample : N2749-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

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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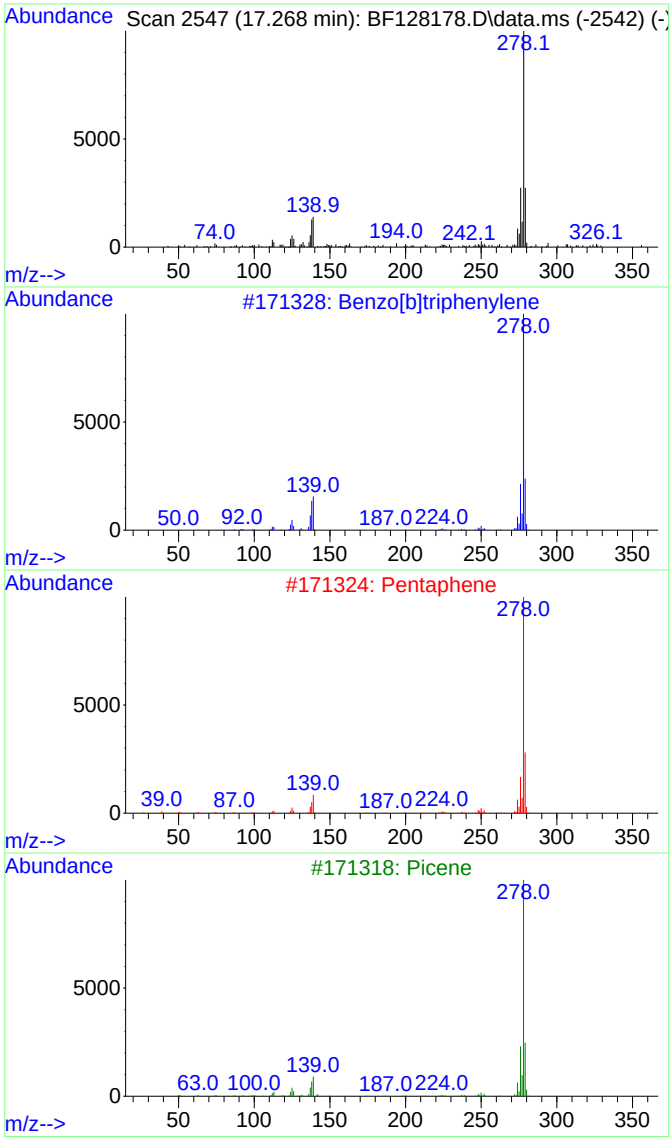
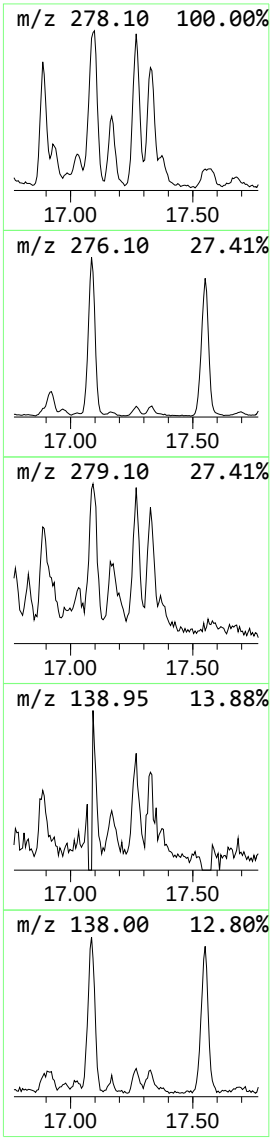
Peak Number 18 Benzo[b]triphenylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.268	5.03 ng	115363	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	95
2	Pentaphene	278	C22H14	000222-93-5	95
3	Picene	278	C22H14	000213-46-7	94
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
5	Pyrene, 1-phenyl-	278	C22H14	005101-27-9	92





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Acq On : 10 May 2022 23:50
Operator : CG\JU
Sample : N2749-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

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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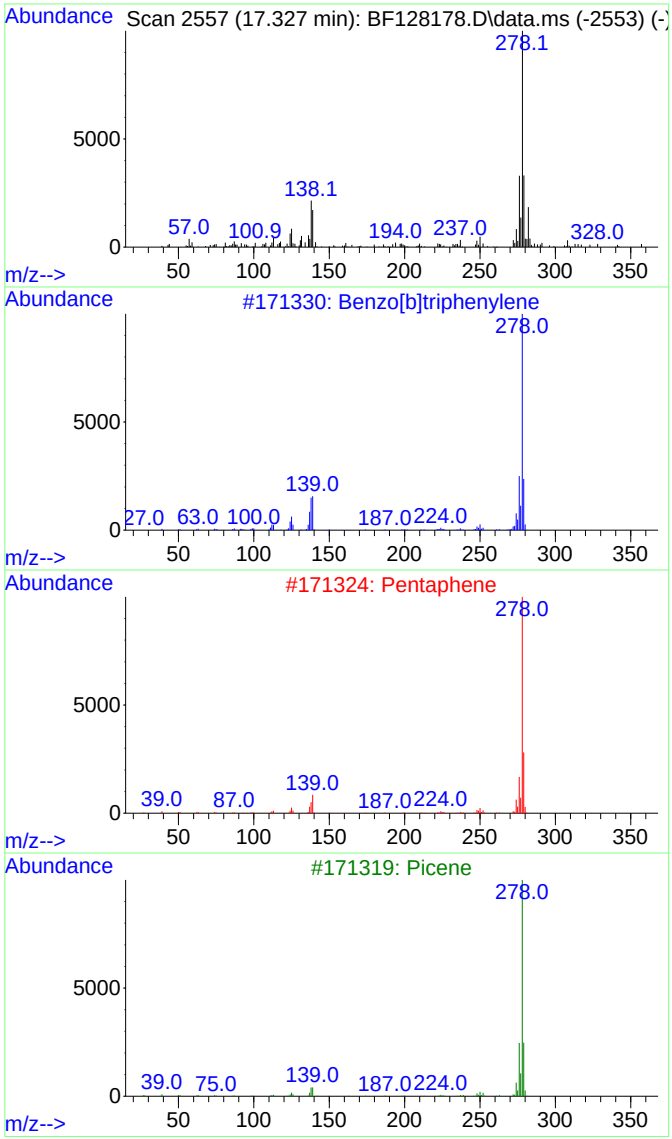
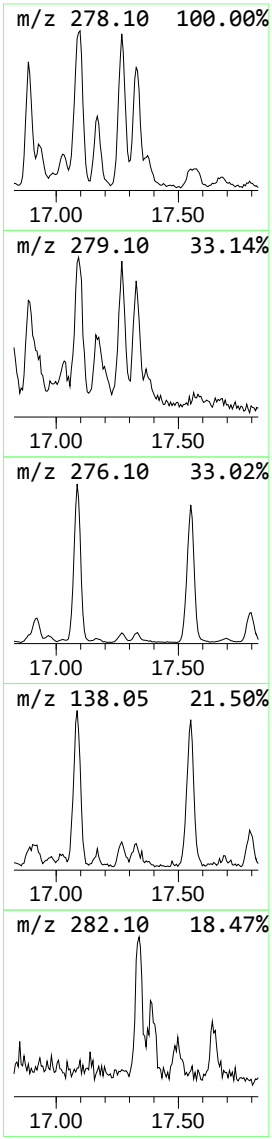
Peak Number 19 Pentaphene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.327	3.86 ng	88431	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	94
2	Pentaphene	278	C22H14	000222-93-5	92
3	Picene	278	C22H14	000213-46-7	89
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	64
5	Pentacene	278	C22H14	000135-48-8	60





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Data File : BF128178.D
Acq On : 10 May 2022 23:50
Operator : CG\JU
Sample : N2749-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

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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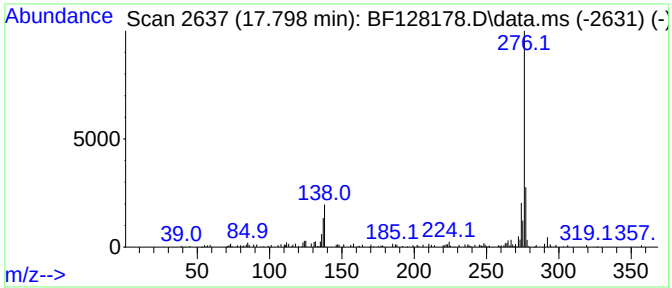
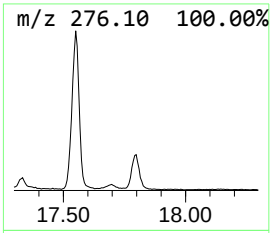
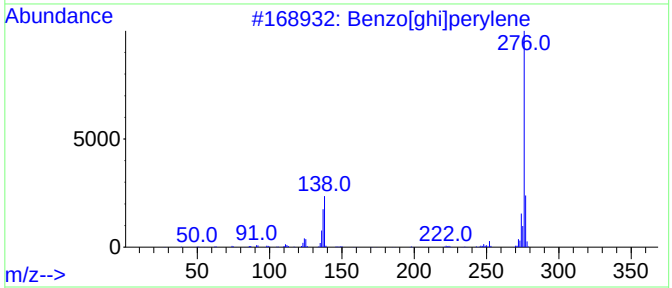
Peak Number 20 Dibenzo[def,mno]chrysene Concentration Rank 8

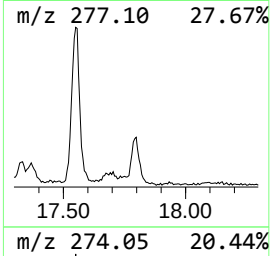
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.798	5.11 ng	117091	Perylene-d12	15.574

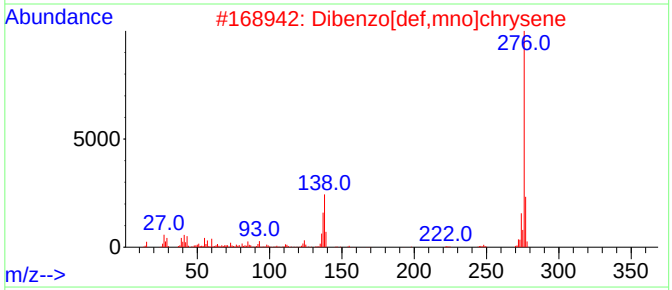
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]perylene	276	C22H12	000191-24-2	97
2	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	94
3	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	86
4	Naphthalen-1-yl-(3-nitro-benzyli...	276	C17H12N2O2	200421-53-0	47
5	Benzoic acid, 2-acetoxy-6-bromo-...	316	C12H13BrO5	1000268-53-4	47

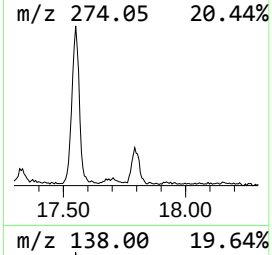


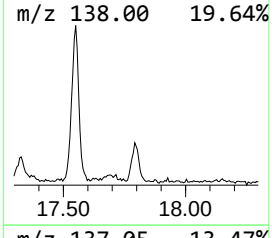


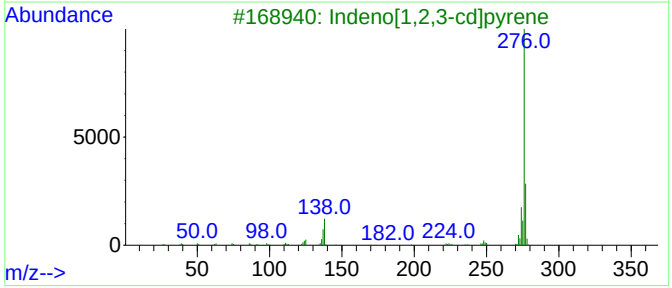


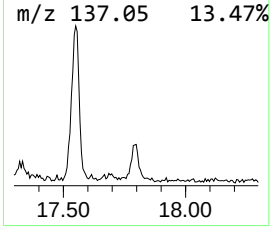












Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
Data File : BF128178.D
Acq On : 10 May 2022 23:50
Operator : CG\JU
Sample : N2749-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-2

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...	6.716	4.1	ng	100716	1	6.892	495571	20.0
unknown10.133	10.133	3.3	ng	111808	3	9.933	671238	20.0
Naphthalene, 1,...	10.245	3.1	ng	105511	3	9.933	671238	20.0
Naphthalene, 1,...	10.333	3.3	ng	111053	3	9.933	671238	20.0
Chamazulene	10.839	5.1	ng	159531	4	11.422	626392	20.0
9H-Fluorene, 1-...	11.027	3.4	ng	105279	4	11.422	626392	20.0
Phenanthrene, 1...	11.927	6.4	ng	201106	4	11.422	626392	20.0
1H-Cyclopropa[l...	11.951	8.1	ng	253239	4	11.422	626392	20.0
Anthracene, 2-m...	12.004	3.3	ng	102653	4	11.422	626392	20.0
6H-Cyclobuta[jk...	12.039	9.4	ng	295829	4	11.422	626392	20.0
Naphthalene, 2-...	12.222	3.3	ng	103657	4	11.422	626392	20.0
9,10-Dimethylan...	12.474	6.6	ng	205676	4	11.422	626392	20.0
Cyclopenta(def)...	12.563	4.0	ng	126693	4	11.422	626392	20.0
11H-Benzo[a]flu...	13.198	6.4	ng	420547	5	14.074	1319610	20.0
Benzo[e]pyrene	15.239	10.3	ng	235694	6	15.574	458543	20.0
Perylene	15.445	26.1	ng	597929	6	15.574	458543	20.0
Boroxin, ethyld...	16.145	3.5	ng	79939	6	15.574	458543	20.0
Benzo[b]triphen...	17.268	5.0	ng	115363	6	15.574	458543	20.0
Pentaphene	17.327	3.9	ng	88431	6	15.574	458543	20.0
Dibenzo[def,mno...	17.798	5.1	ng	117091	6	15.574	458543	20.0