LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
Data File : BF137493.D
Acq On : 04 Mar 2024 21:17
Operator : CG\JU
Sample : P1666-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-030124

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-BF022924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137493.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.134	3	8	16	rVB	605877	766956	27.73%	1.980%
2	5.469	570	575	577	rBV2	45457	52167	1.89%	0.135%
3	5.499	577	580	598	rVB	2140926	2037211	73.66%	5.260%
4	5.722	615	618	625	rVV3	34892	47251	1.71%	0.122%
5	6.116	679	685	691	rVB4	37933	57344	2.07%	0.148%
6	6.393	729	732	735	rBV2	69254	76630	2.77%	0.198%
7	6.493	746	749	764	rBV	2123257	2155581	77.94%	5.566%
8	6.693	778	783	789	rVB3	110294	152798	5.52%	0.395%
9	6.857	807	811	817	rBV	1169780	1158588	41.89%	2.992%
10	6.910	817	820	823	rVB	51407	44990	1.63%	0.116%
11	7.116	851	855	860	rVB4	74252	110944	4.01%	0.286%
12	7.240	874	876	879	rBV2	67927	63941	2.31%	0.165%
13	7.387	895	901	903	rBV2	70084	90630	3.28%	0.234%
14	7.410	903	905	910	rVV	1365636	1195797	43.23%	3.088%
15	7.445	910	911	915	rVV	141755	115166	4.16%	0.297%
16	7.493	915	919	923	rVB5	67833	92131	3.33%	0.238%
17	7.628	939	942	944	rBV2	53789	60528	2.19%	0.156%
18	7.651	944	946	950	rVB2	84972	72375	2.62%	0.187%
19	7.722	955	958	960	rBV2	39742	39570	1.43%	0.102%
20	7.763	963	965	971	rVB4	63225	85273	3.08%	0.220%
21	7.869	980	983	989	rBV2	81833	97647	3.53%	0.252%
22	7.951	995	997	1002	rVB4	42177	46285	1.67%	0.120%
23	7.998	1002	1005	1009	rBV2	43134	51164	1.85%	0.132%
24	8.069	1014	1017	1019	rBV3	51790	52254	1.89%	0.135%
25	8.128	1022	1027	1029	rBV	1839504	1627963	58.86%	4.203%
26	8.151	1029	1031	1034	rVV	609072	533219	19.28%	1.377%
27	8.175	1034	1035	1041	rVB4	101093	105706	3.82%	0.273%
28	8.422	1073	1077	1080	rVB5	48911	73571	2.66%	0.190%
29	8.510	1090	1092	1096	rVB3	59791	54755	1.98%	0.141%
30	8.551	1096	1099	1101	rBV	73367	70252	2.54%	0.181%
31	8.592	1104	1106	1109	rVB2	58442	51348	1.86%	0.133%
32	8.669	1117	1119	1125	rVB6	30715	41568	1.50%	0.107%
33	8.722	1125	1128	1131	rBV3	71908	73025	2.64%	0.189%
34	8.845	1146	1149	1157	rVB	480437	451591	16.33%	1.166%
35	8.939	1161	1165	1169	rVV	547363	452137	16.35%	1.167%
36	9.157	1199	1202	1207	rBV2	70191	69184	2.50%	0.179%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
Data File : BF137493.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-030124

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-BF022924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.204	1207	1210	1221	rVV	2757765	2458541	88.89%	6.348%
38	9.292	1221	1225	1226	rBV2	74235	70731	2.56%	0.183%
39	9.310	1226	1228	1234	rVB	134976	132883	4.80%	0.343%
40	9.404	1242	1244	1250	rVB	84821	111092	4.02%	0.287%
41	9.475	1251	1256	1260	rBV	231446	320620	11.59%	0.828%
42	9.545	1265	1268	1270	rVV	411020	395631	14.30%	1.022%
43	9.569	1270	1272	1278	rVV	241722	290737	10.51%	0.751%
44	9.616	1278	1280	1282	rVV2	63163	52578	1.90%	0.136%
45	9.663	1285	1288	1293	rVB	176685	200355	7.24%	0.517%
46	9.745	1299	1302	1307	rVB	175214	159359	5.76%	0.411%
47	9.822	1313	1315	1320	rVB2	47139	40262	1.46%	0.104%
48	9.886	1320	1326	1329	rBV	2021743	1767259	63.90%	4.563%
49	9.916	1329	1331	1336	rVB	817171	731886	26.46%	1.890%
50	9.992	1341	1344	1349	rVB2	111129	154405	5.58%	0.399%
51	10.045	1349	1353	1355	rBV4	47739	59609	2.16%	0.154%
52	10.092	1358	1361	1365	rVV	590705	504775	18.25%	1.303%
53	10.134	1365	1368	1371	rVB	97700	80509	2.91%	0.208%
54	10.204	1377	1380	1383	rBV	118519	116629	4.22%	0.301%
55	10.234	1383	1385	1392	rVV	86493	77576	2.80%	0.200%
56	10.298	1392	1396	1398	rVV	80922	101381	3.67%	0.262%
57	10.316	1398	1399	1403	rVV3	62456	68962	2.49%	0.178%
58	10.386	1407	1411	1416	rVV3	57258	96936	3.50%	0.250%
59	10.434	1416	1419	1426	rVV	1010265	1013015	36.63%	2.616%
60	10.504	1426	1431	1432	rVV	92728	123697	4.47%	0.319%
61	10.522	1432	1434	1437	rVV3	120666	130364	4.71%	0.337%
62	10.551	1437	1439	1441	rVV	89775	85134	3.08%	0.220%
63	10.598	1444	1447	1451	rVB	158569	171534	6.20%	0.443%
64	10.675	1456	1460	1466	rBV	921622	1027071	37.13%	2.652%
65	10.804	1479	1482	1489	rVB3	104456	147826	5.34%	0.382%
66	10.986	1509	1513	1516	rBV2	133795	180168	6.51%	0.465%
67	11.016	1516	1518	1522	rVV2	101516	94589	3.42%	0.244%
68	11.069	1525	1527	1530	rVB	74929	66752	2.41%	0.172%
69	11.122	1530	1536	1537	rBV2	49084	75220	2.72%	0.194%
70	11.139	1537	1539	1541	rVV2	57449	50969	1.84%	0.132%
71	11.233	1552	1555	1557	rBV3	50116	66900	2.42%	0.173%
72	11.281	1560	1563	1570	rVB	289287	329296	11.91%	0.850%
73	11.381	1577	1580	1582	rBV	1468689	1307516	47.27%	3.376%
74	11.404	1582	1584	1589	rVV	3174699	2765819	100.00%	7.141%
75	11.457	1590	1593	1597	rVV	676831	583847	21.11%	1.508%
76	11.498	1597	1600	1602	rVB2	54917	59351	2.15%	0.153%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
Data File : BF137493.D
Acq On : 04 Mar 2024 21:17
Operator : CG\JU
Sample : P1666-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-030124

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-BF022924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.616	1617	1620	1627	rBV	494663	543139	19.64%	1.402%
78	11.686	1629	1632	1635	rVV2	89520	101770	3.68%	0.263%
79	11.716	1635	1637	1642	rVB2	104046	107658	3.89%	0.278%
80	11.798	1648	1651	1655	rVB	66404	79306	2.87%	0.205%
81	11.886	1663	1666	1669	rBV	313934	315093	11.39%	0.814%
82	11.916	1669	1671	1676	rVV	372165	378693	13.69%	0.978%
83	11.963	1676	1679	1681	rVV	98116	102100	3.69%	0.264%
84	11.998	1681	1685	1687	rVV	495957	499198	18.05%	1.289%
85	12.022	1687	1689	1694	rVB	201668	185387	6.70%	0.479%
86	12.098	1699	1702	1704	rVV3	54789	49060	1.77%	0.127%
87	12.186	1714	1717	1720	rBV	127898	134949	4.88%	0.348%
88	12.316	1737	1739	1741	rBV	50019	44454	1.61%	0.115%
89	12.369	1745	1748	1750	rBV3	69163	75294	2.72%	0.194%
90	12.439	1757	1760	1763	rBV	168109	163660	5.92%	0.423%
91	12.533	1773	1776	1778	rBV3	60873	76446	2.76%	0.197%
92	12.598	1784	1787	1792	rBV	1174492	1185305	42.86%	3.061%
93	12.645	1793	1795	1801	rVB3	101627	138723	5.02%	0.358%
94	12.833	1822	1827	1830	rBV	981507	1088589	39.36%	2.811%
95	12.980	1849	1852	1859	rVB	1935717	1737814	62.83%	4.487%
96	13.163	1881	1883	1887	rVB	201802	202156	7.31%	0.522%
97	13.227	1891	1894	1898	rVB2	154744	203940	7.37%	0.527%
98	14.045	2028	2033	2035	rBV2	1121218	1366579	49.41%	3.529%
99	15.574	2289	2293	2296	rBV	550925	684041	24.73%	1.766%
100	16.333	2419	2422	2432	rVB	366164	666281	24.09%	1.720%

Sum of corrected areas: 38728959

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
Data File : BF137493.D
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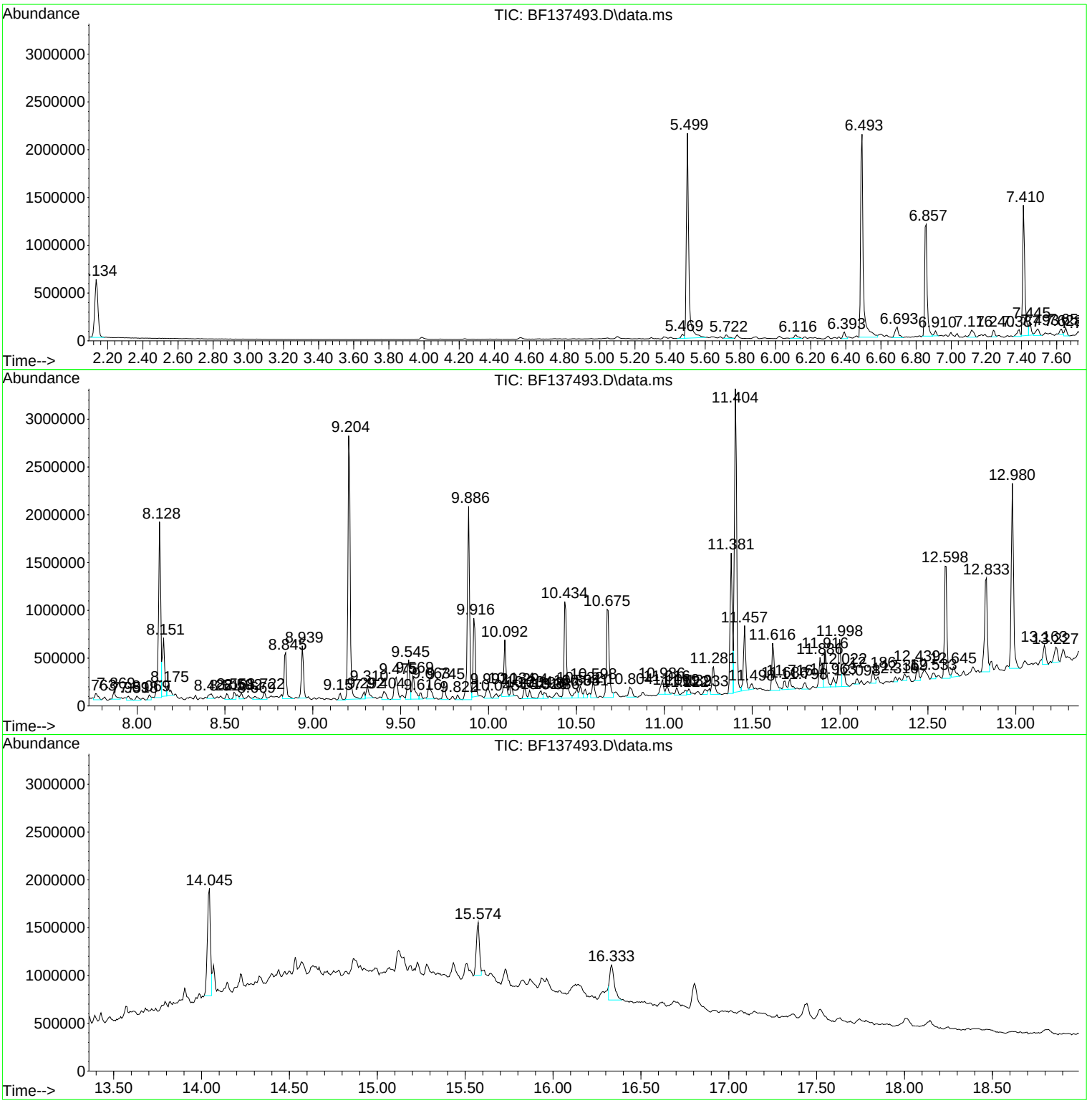
Sample : P1666-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-030124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.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\BF030424\
Data File : BF137493.D
Acq On : 04 Mar 2024 21:17
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Instrument :
BNA_F
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OR-02-030124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

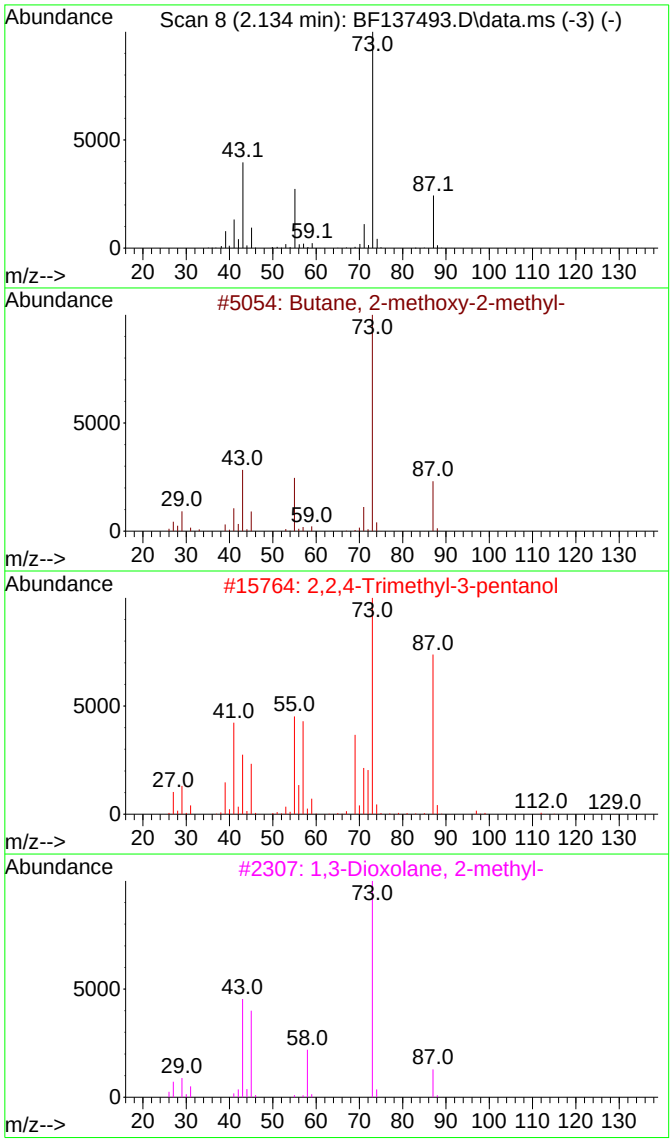
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

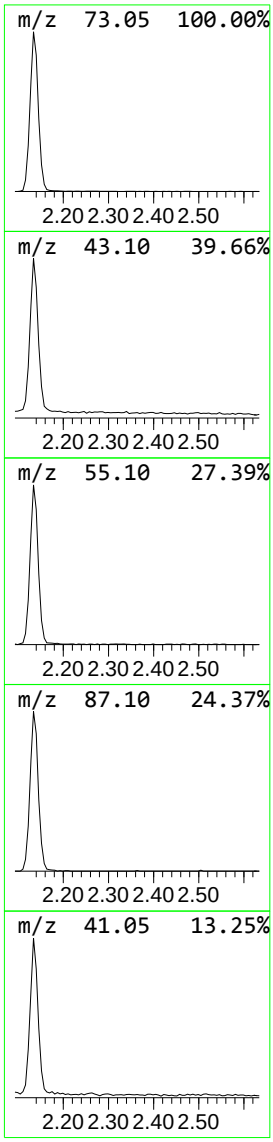
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.134	13.24 ng	766956	1,4-Dichlorobenzene-d4	6.857

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	32
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
Data File : BF137493.D
Acq On : 04 Mar 2024 21:17
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Sample : P1666-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-030124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

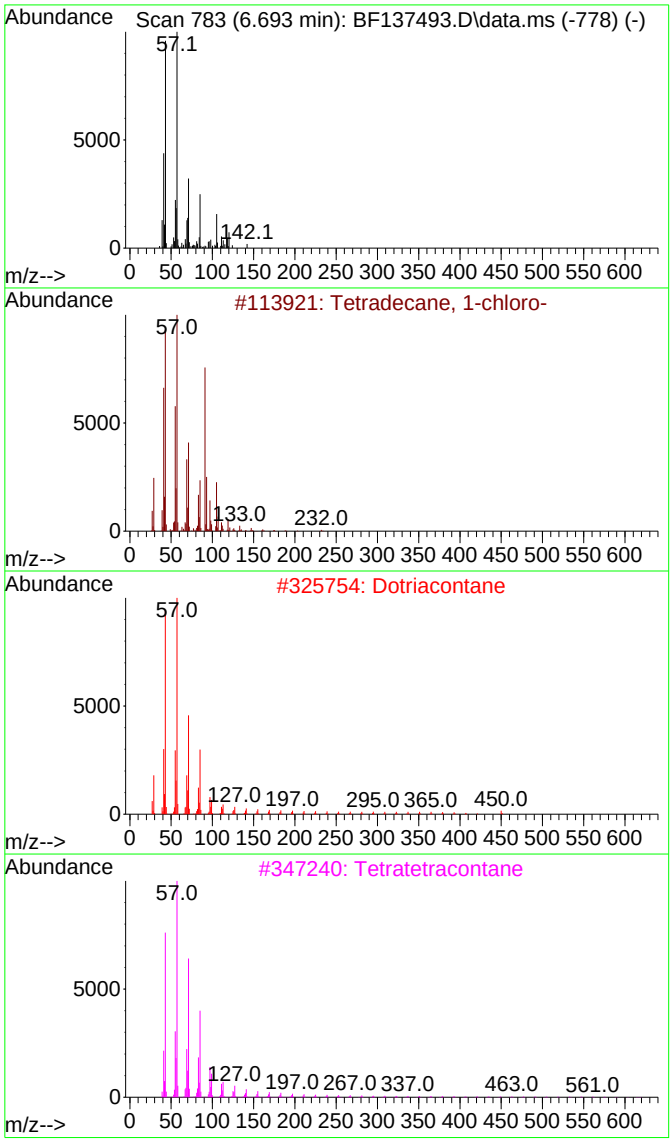
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

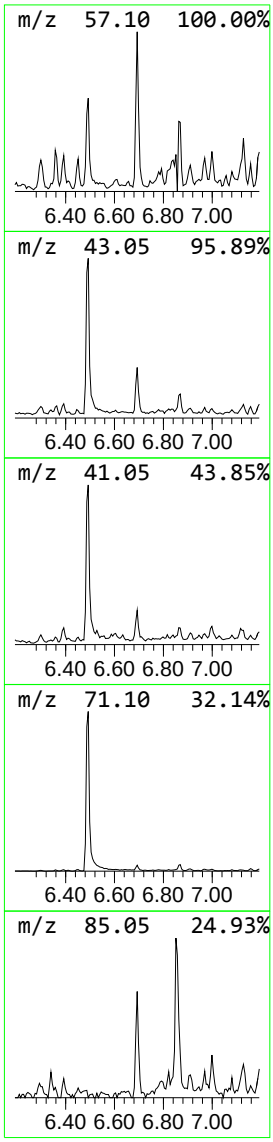
****

Peak Number 2 Tetradecane, 1-chloro- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.693	2.64 ng	152798	1,4-Dichlorobenzene-d4	6.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	53
2	Dotriacontane	451	C32H66	000544-85-4	50
3	Tetratetracontane	619	C44H90	007098-22-8	50
4	Carbonic acid, hexadecyl prop-1-...	326	C20H38O3	1000382-90-3	50
5	Carbonic acid, prop-1-en-2-yl te...	298	C18H34O3	1000382-90-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
Data File : BF137493.D
Acq On : 04 Mar 2024 21:17
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

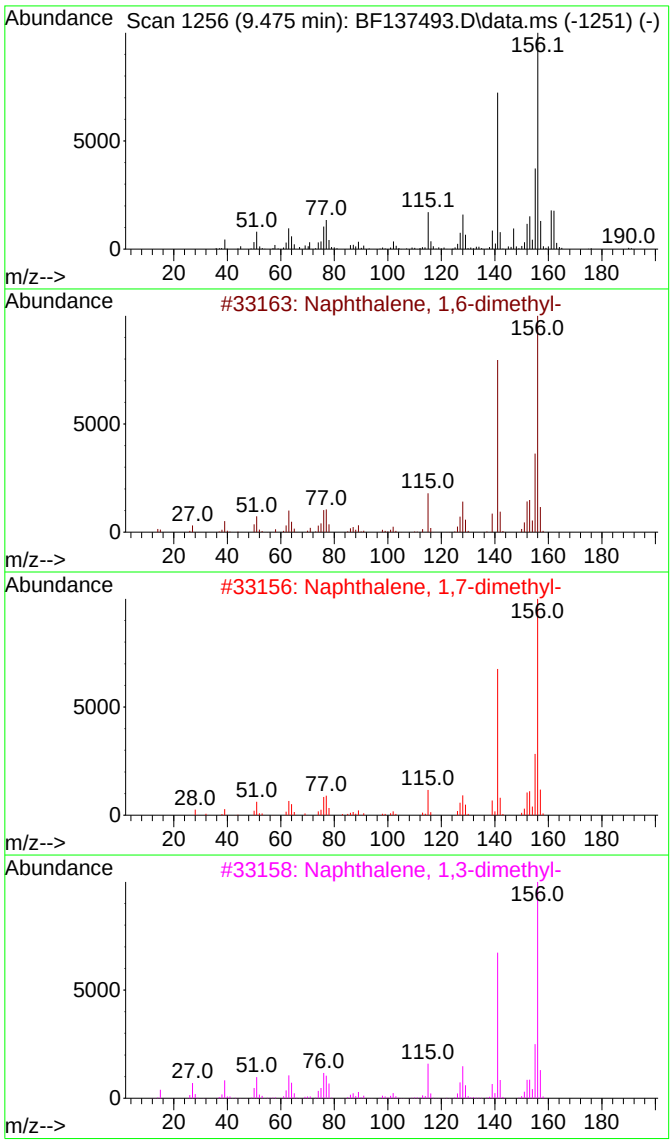
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

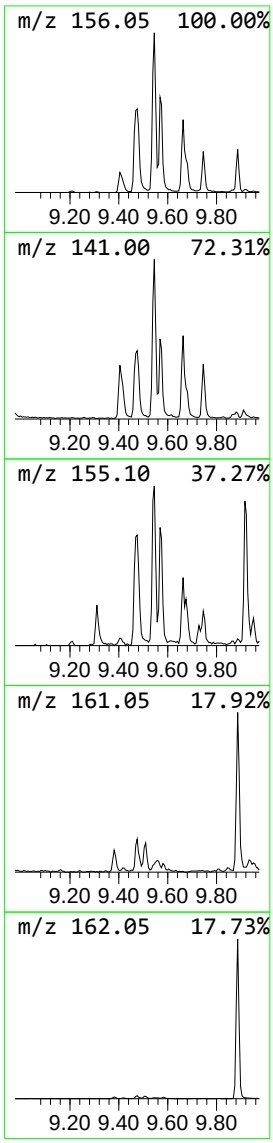
****

Peak Number 3 Naphthalene, 1,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.475	3.63 ng	320620	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





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Data File : BF137493.D
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Operator : CG\JU
Sample : P1666-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-030124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

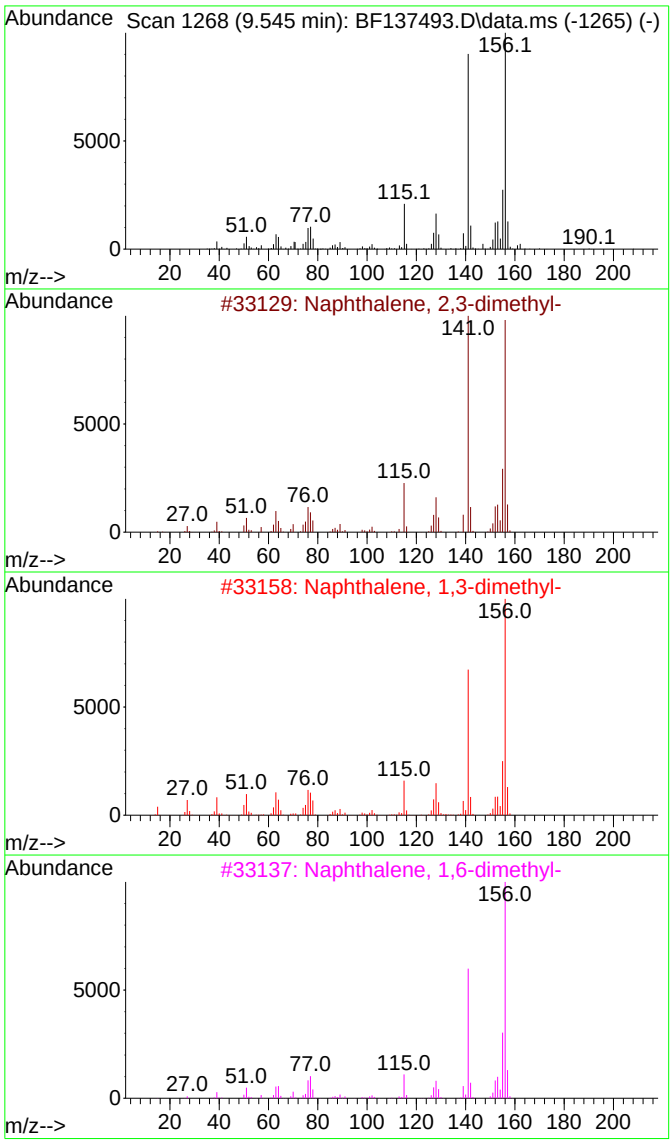
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

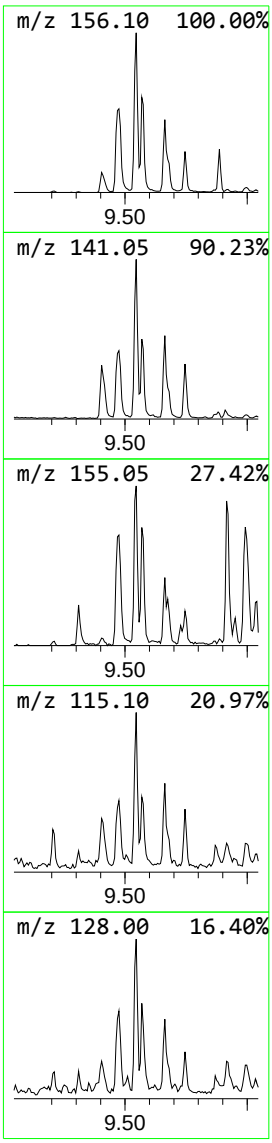
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.545	4.48 ng	395631	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
Data File : BF137493.D
Acq On : 04 Mar 2024 21:17
Operator : CG\JU
Sample : P1666-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-030124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

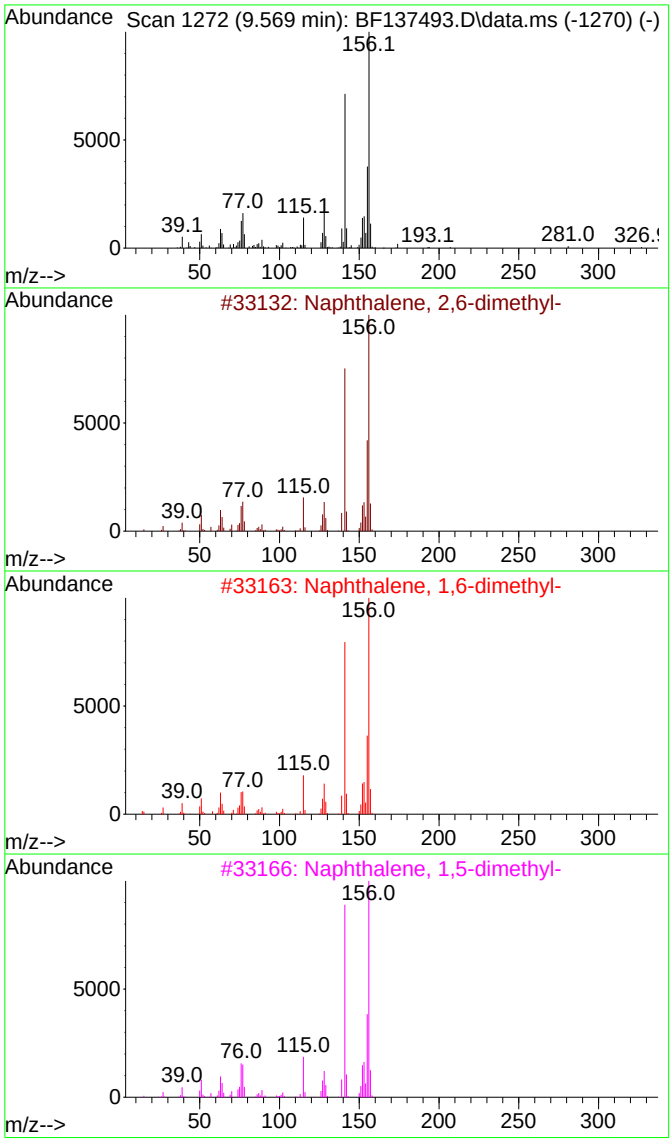
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

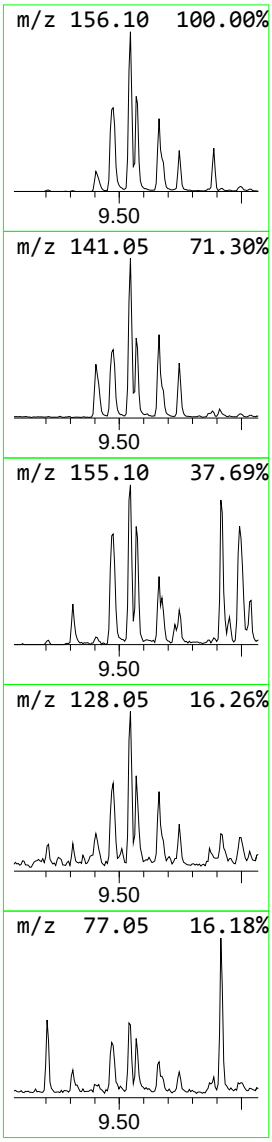
****

Peak Number 5 Naphthalene, 2,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.569	3.29 ng	290737	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





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Misc :
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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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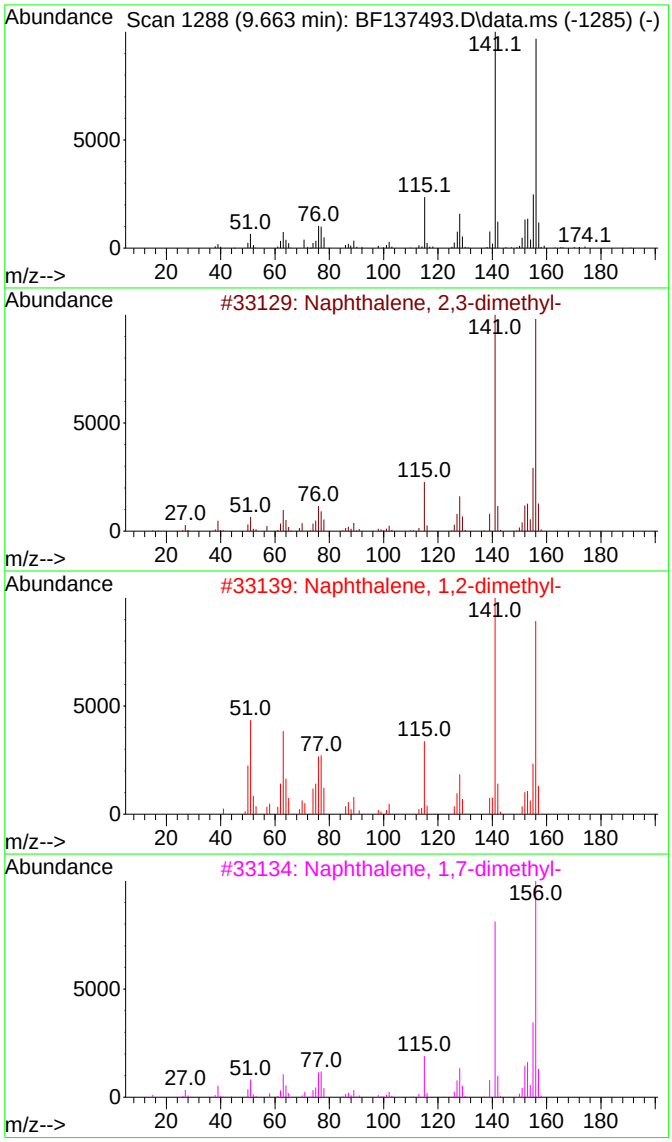
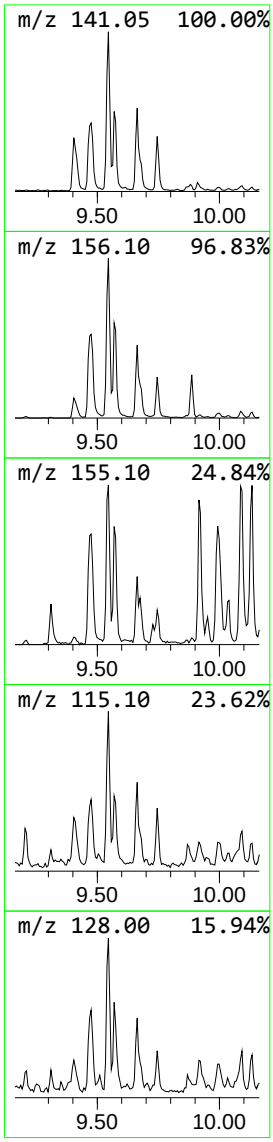
Peak Number 6 Naphthalene, 1,2-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.663	2.27 ng	200355	Acenaphthene-d10	9.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95





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Misc :
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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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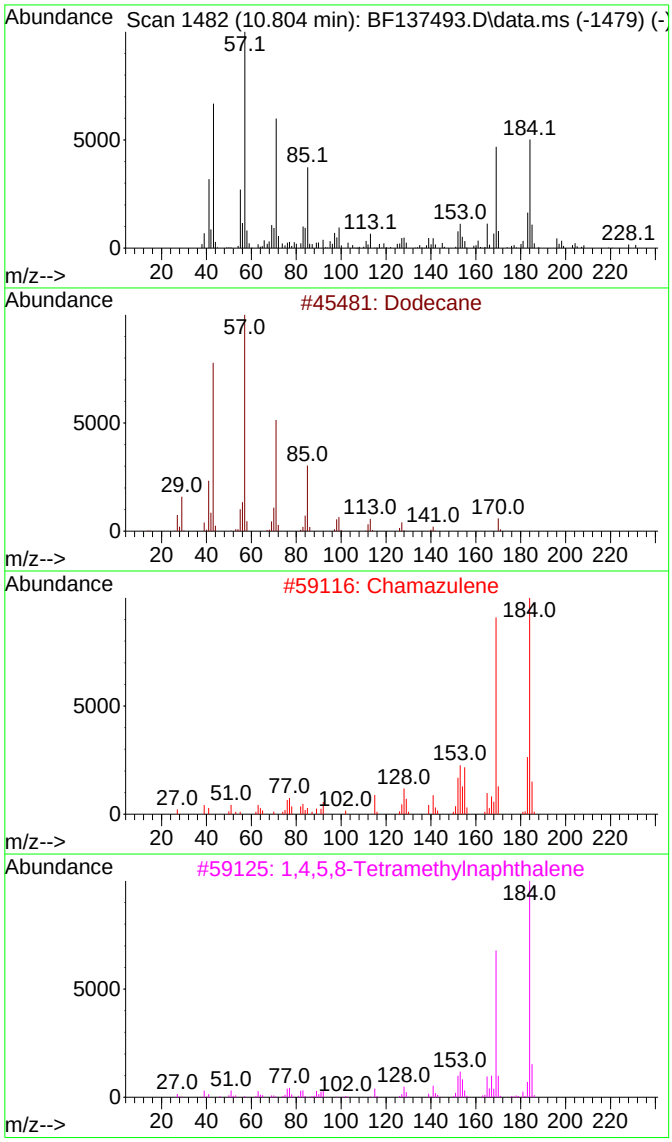
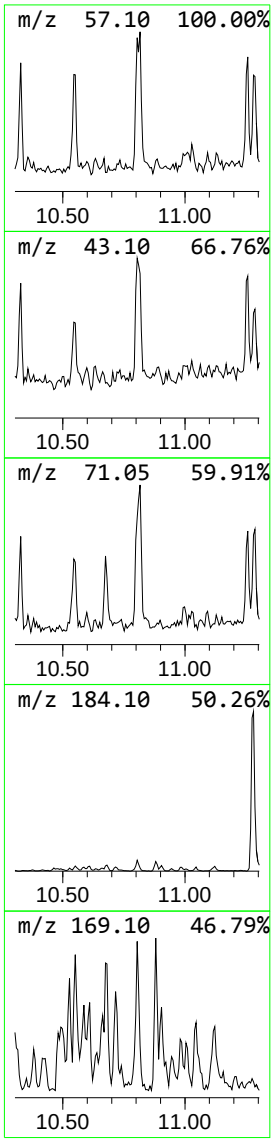
Peak Number 7 Dodecane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.804	2.26 ng	147826	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	74
2	Chamazulene	184	C14H16	000529-05-5	53
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	53
4	Benzene, (4,5,5-trimethyl-1,3-cy...	184	C14H16	033930-85-7	53
5	Tetradecane	198	C14H30	000629-59-4	50





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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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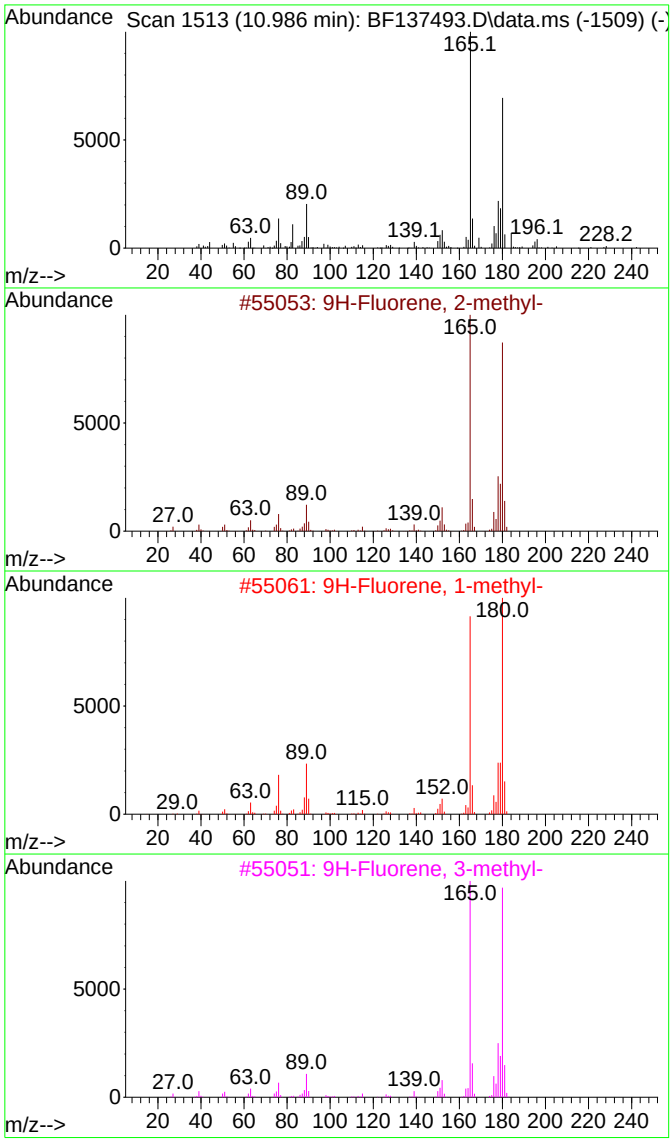
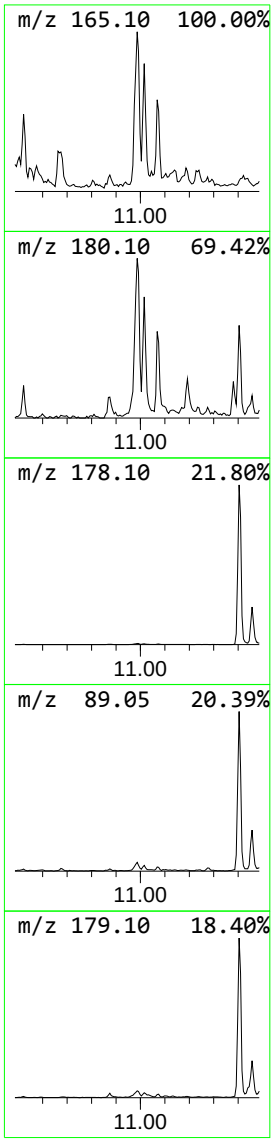
Peak Number 8 9H-Fluorene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.986	2.76 ng	180168	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	86
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	78
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	70
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	68
5	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	64





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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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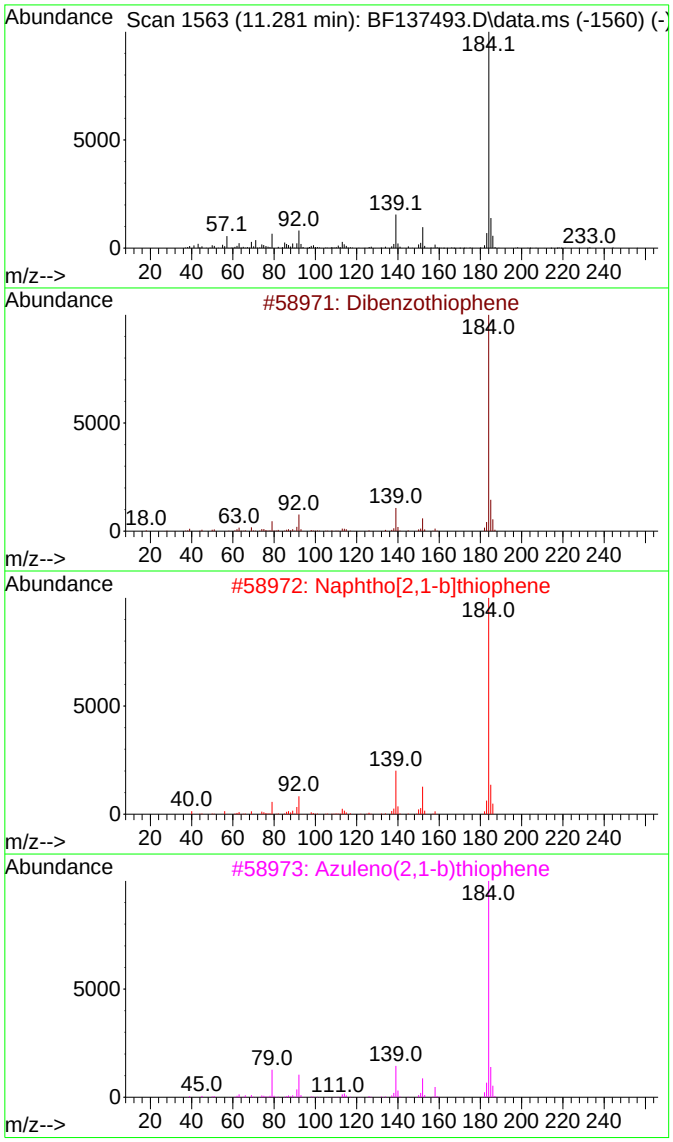
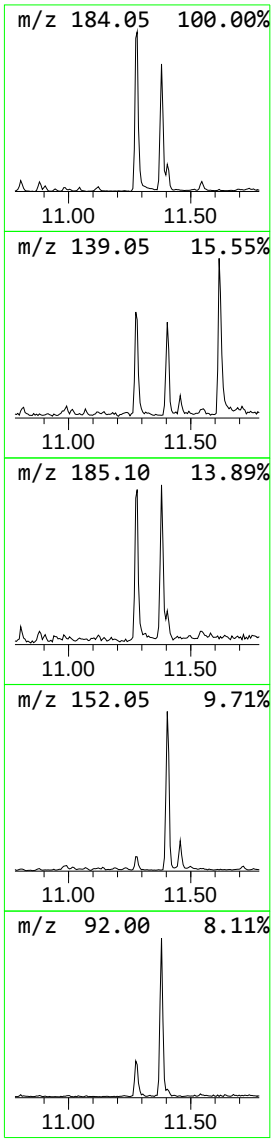
Peak Number 9 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.281	5.04 ng	329296	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
5	Thianthrene, 5-oxide	232	C12H8OS2	002362-50-7	78





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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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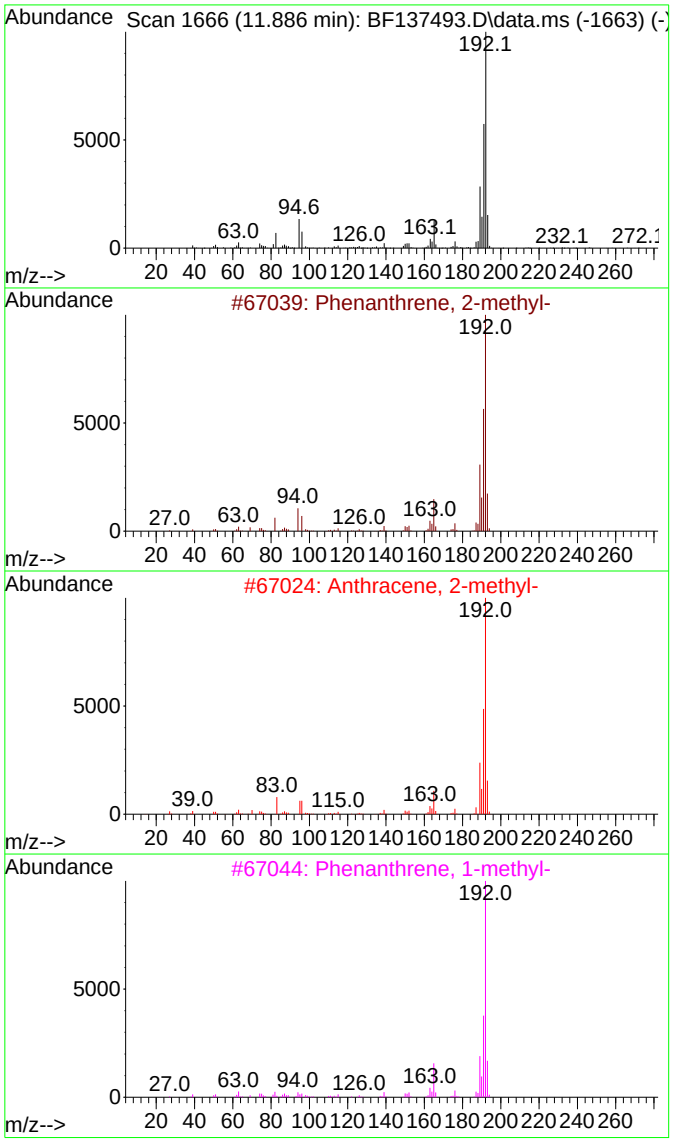
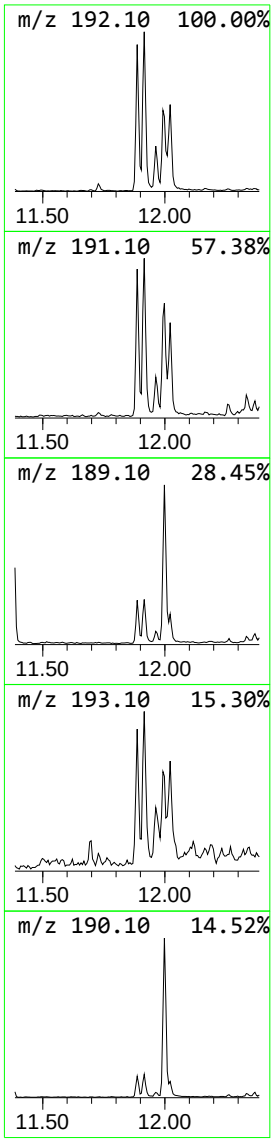
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	4.82 ng	315093	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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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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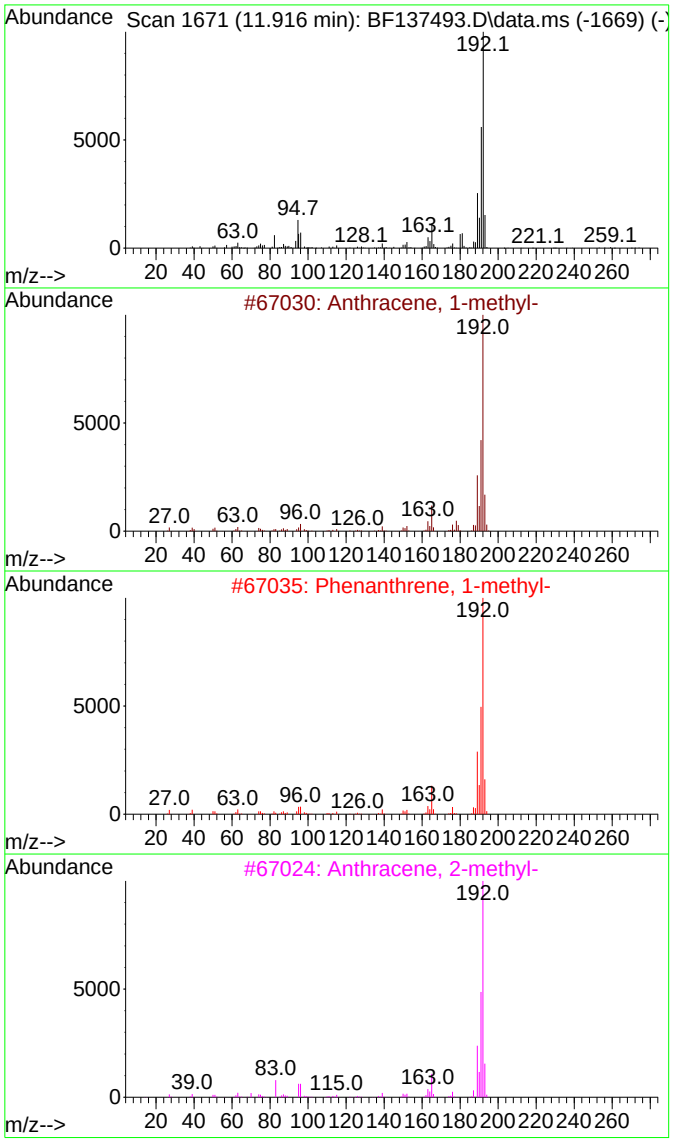
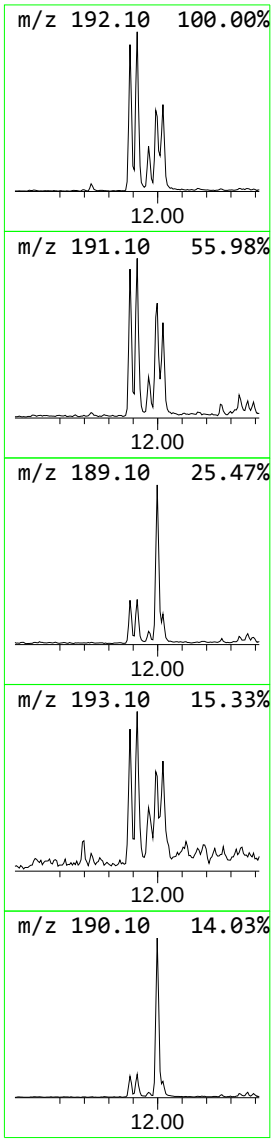
Peak Number 11 Anthracene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	5.79 ng	378693	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	89
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86





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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-02-030124

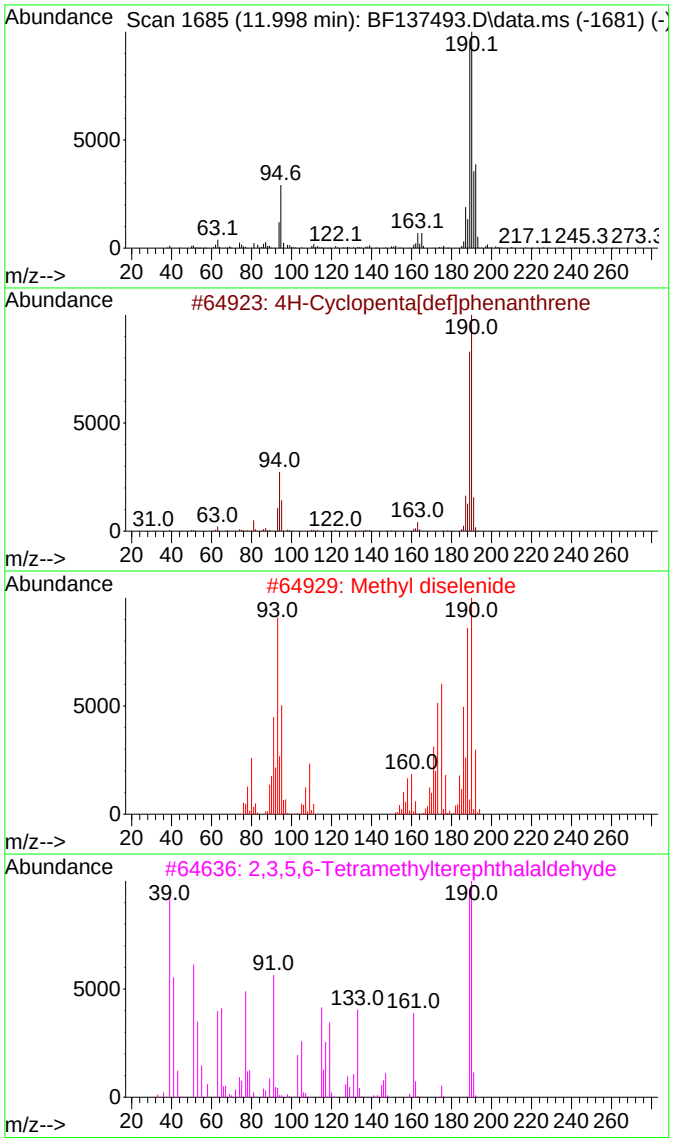
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

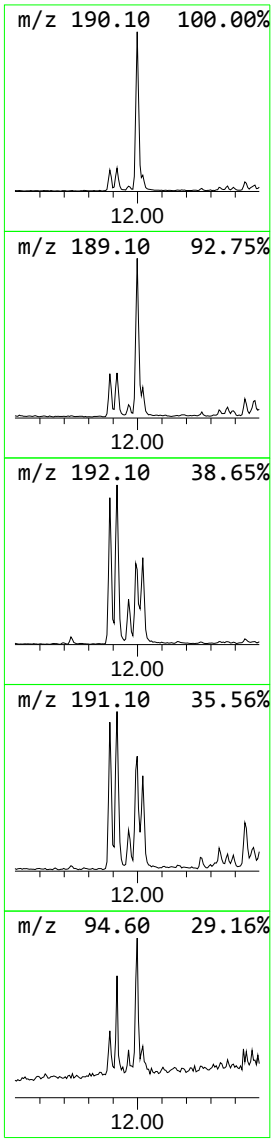
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.998	7.64 ng	499198	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Methyl diselenide	190	C2H6Se2	007101-31-7	43
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	37





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Misc :
ALS Vial : 19 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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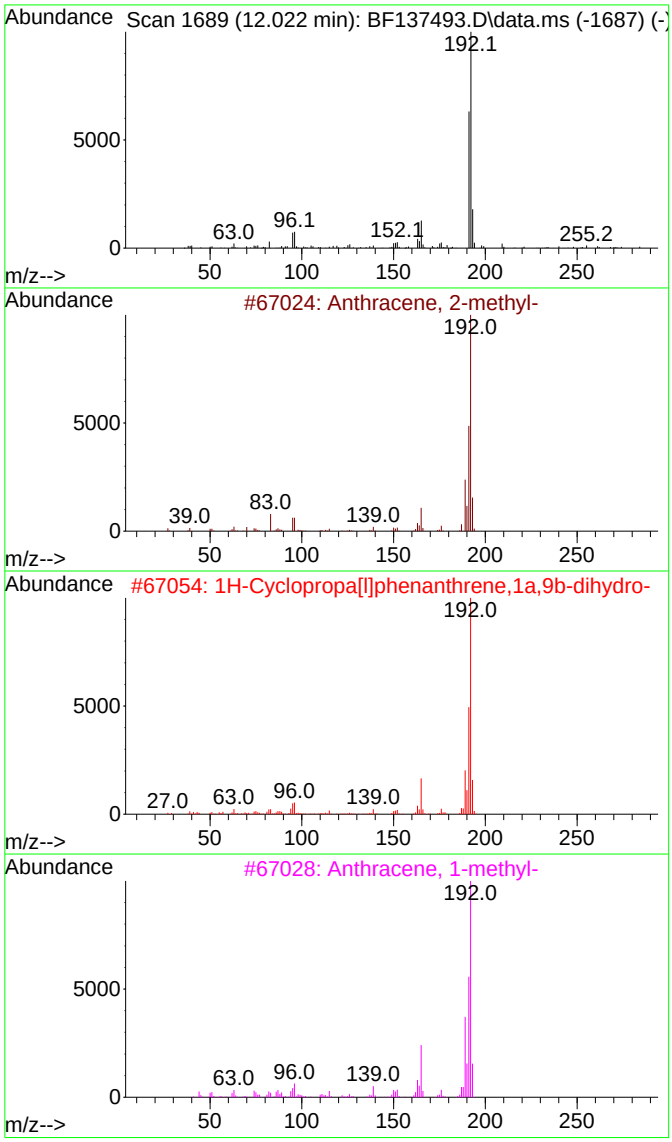
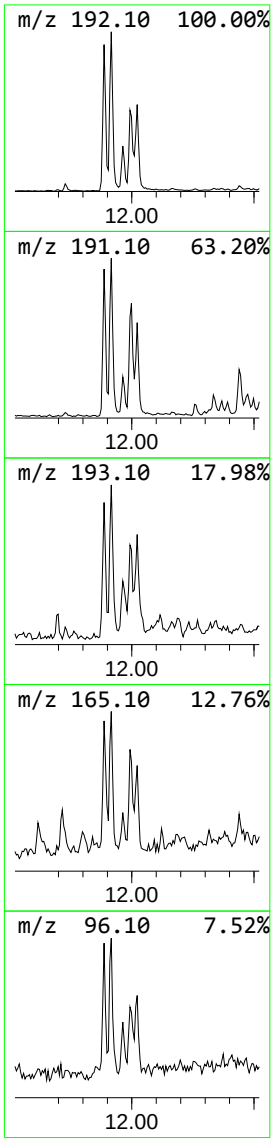
Peak Number 13 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.022	2.84 ng	185387	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





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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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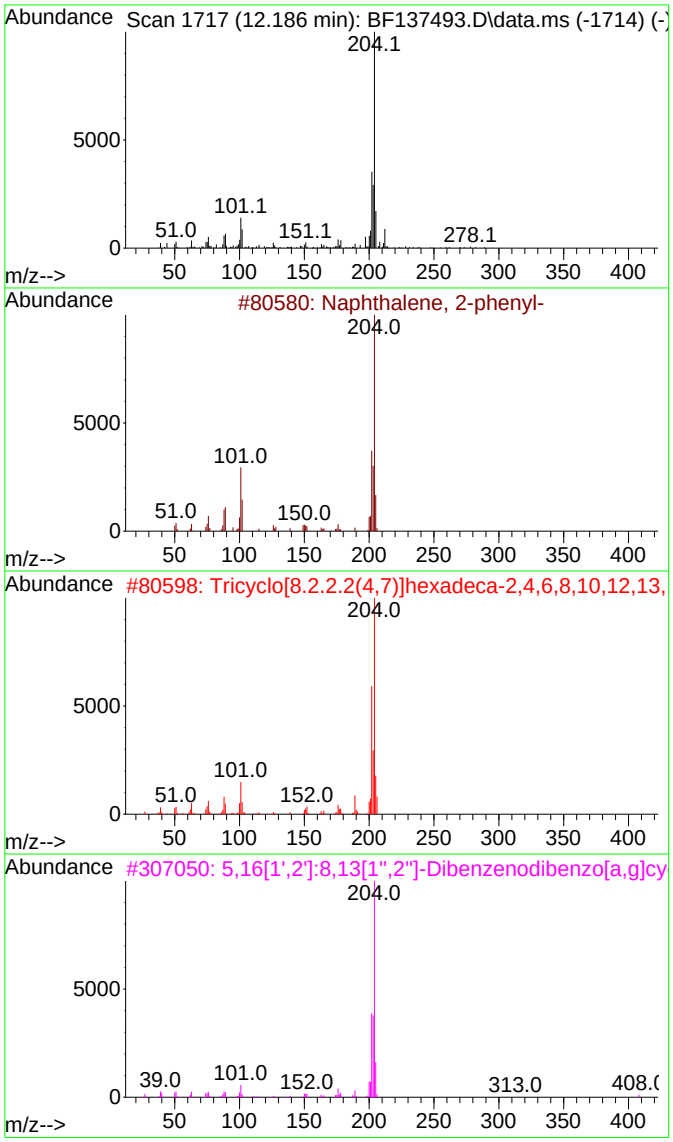
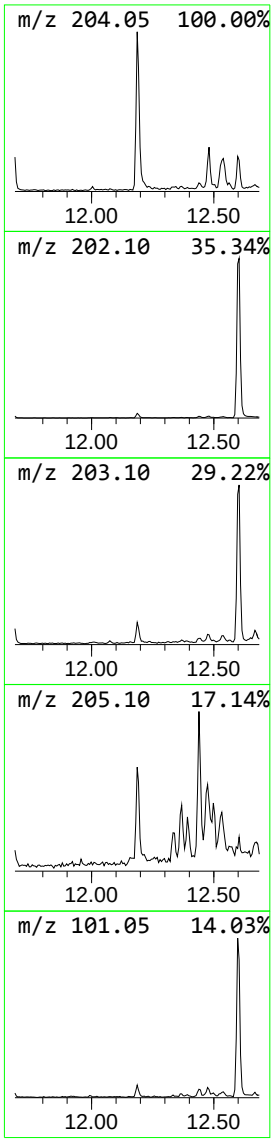
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.186	2.06 ng	134949	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83





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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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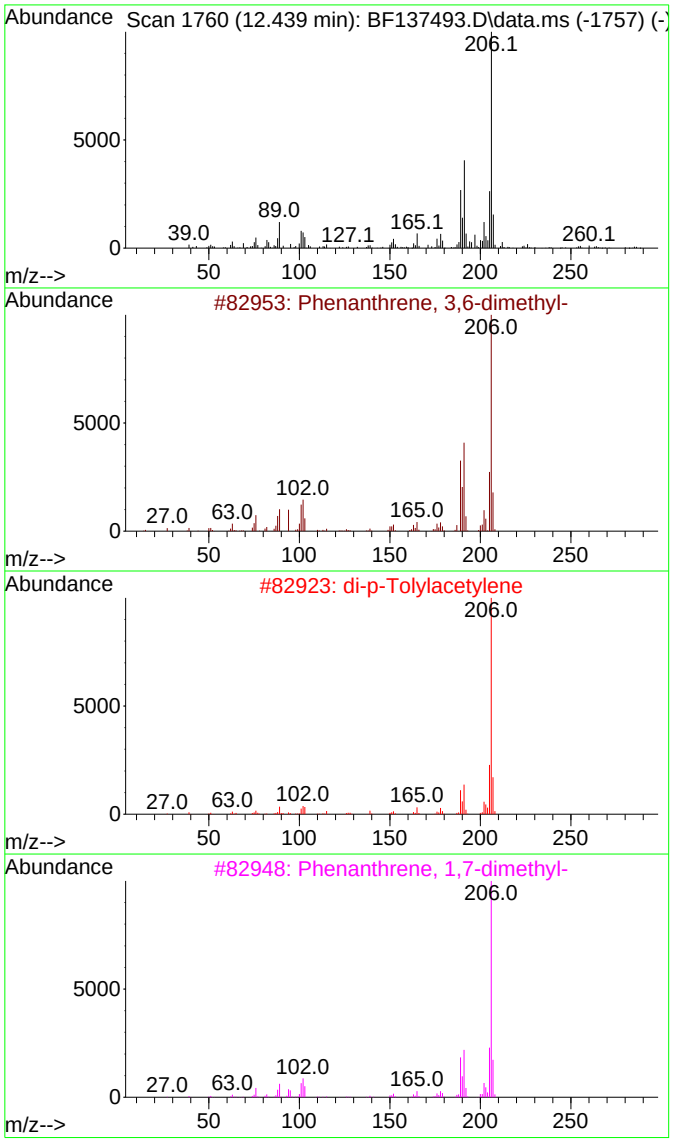
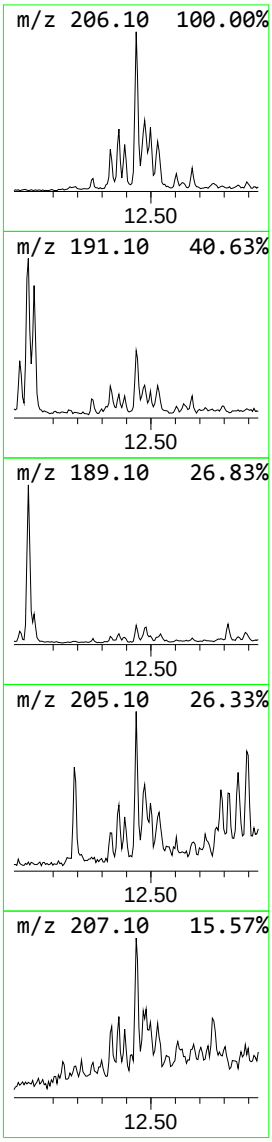
Peak Number 15 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.439	2.50 ng	163660	Phenanthrene-d10	11.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93





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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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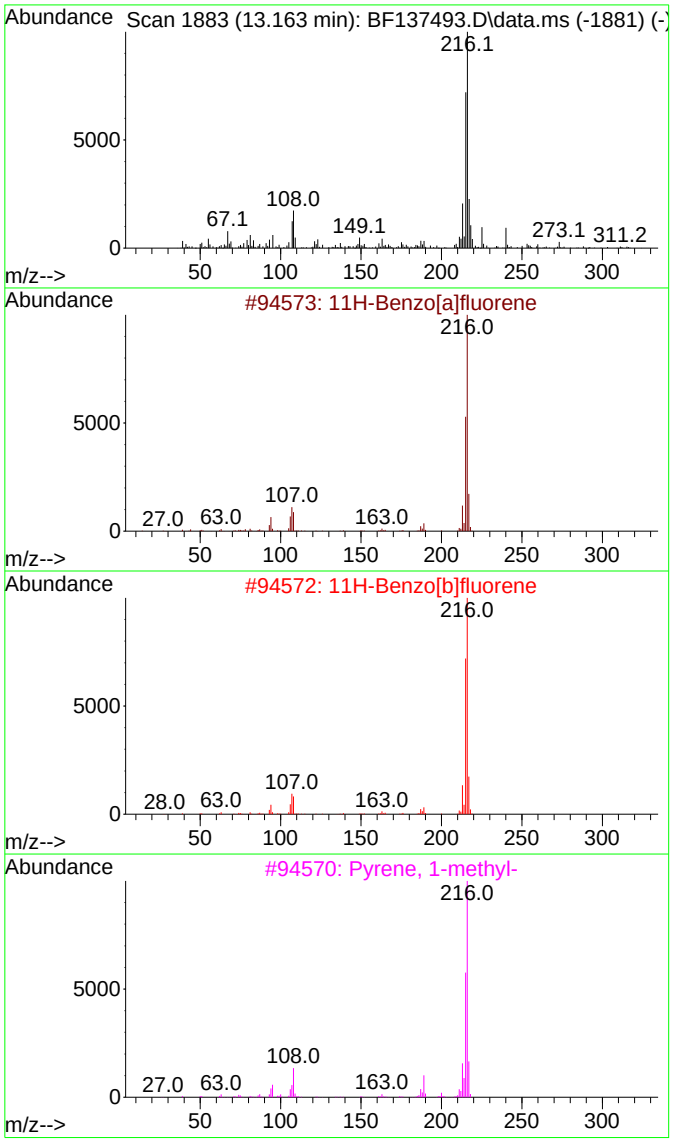
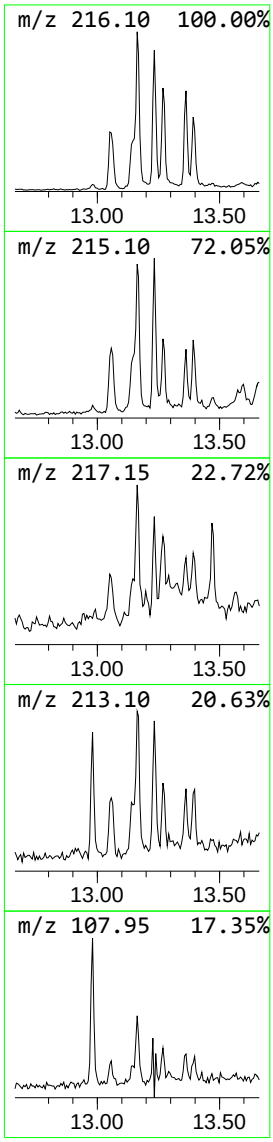
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.163	2.96 ng	202156	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72





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ALS Vial : 19 Sample Multiplier: 1

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.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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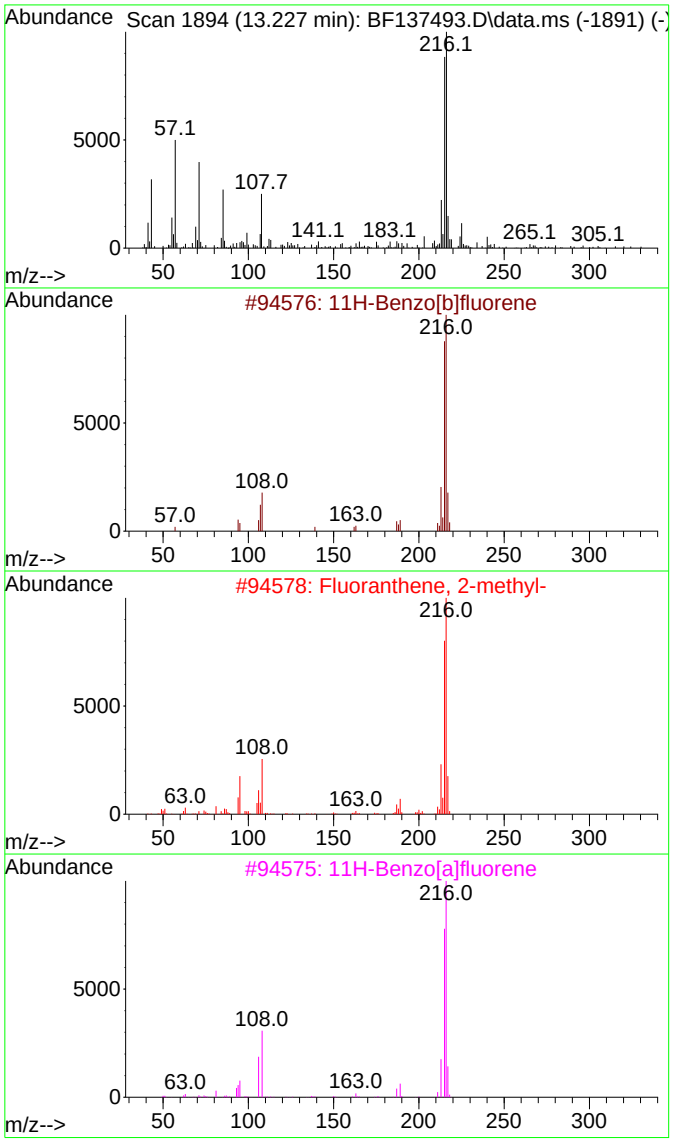
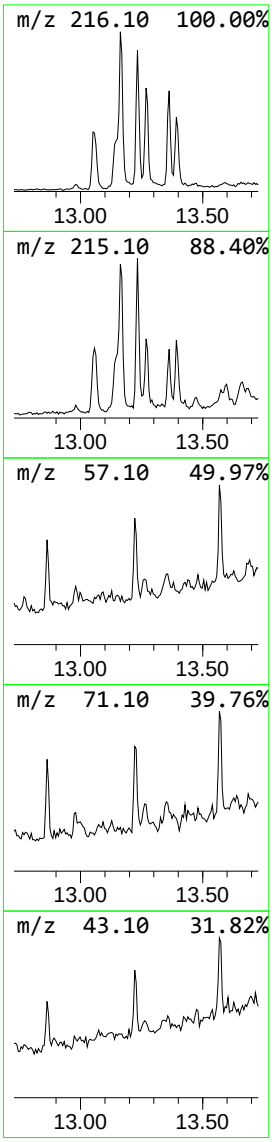
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.227	2.98 ng	203940	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	60
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	53
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	49
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
Data File : BF137493.D
Acq On : 04 Mar 2024 21:17
Operator : CG\JU
Sample : P1666-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-030124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.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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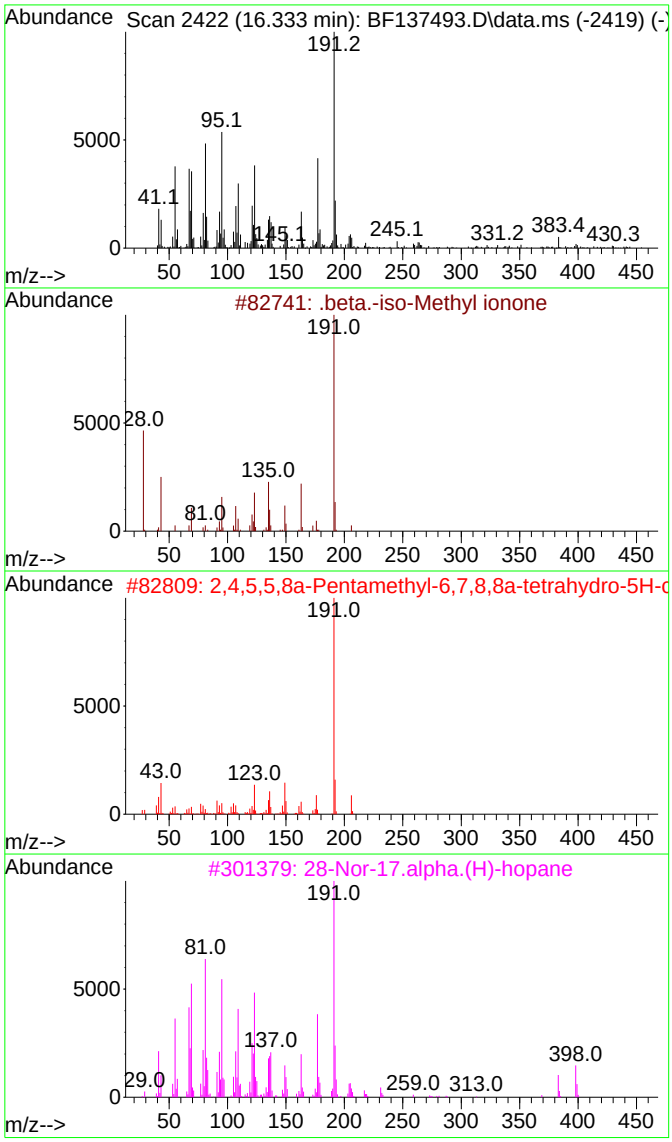
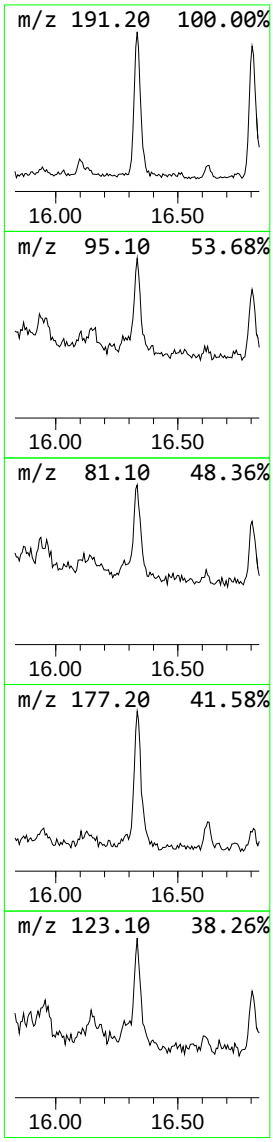
Peak Number 18 unknown16.333 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.333	19.48 ng	666281	Perylene-d12	15.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	49
2	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	47
3	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	43
4	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	30
5	4-(3H-Imidazo[4,5-b]pyridin-2-yl...	342	C15H18N8S	1000276-08-2	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030424\
Data File : BF137493.D
Acq On : 04 Mar 2024 21:17
Operator : CG\JU
Sample : P1666-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-02-030124

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.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
Butane, 2-metho...	2.134	13.2	ng	766956	1	6.857	1158590	20.0
Tetradecane, 1-...	6.693	2.6	ng	152798	1	6.857	1158590	20.0
Naphthalene, 1,...	9.475	3.6	ng	320620	3	9.886	1767260	20.0
Naphthalene, 2,...	9.545	4.5	ng	395631	3	9.886	1767260	20.0
Naphthalene, 2,...	9.569	3.3	ng	290737	3	9.886	1767260	20.0
Naphthalene, 1,...	9.663	2.3	ng	200355	3	9.886	1767260	20.0
Dodecane	10.804	2.3	ng	147826	4	11.381	1307520	20.0
9H-Fluorene, 2-...	10.986	2.8	ng	180168	4	11.381	1307520	20.0
Dibenzothiophene	11.281	5.0	ng	329296	4	11.381	1307520	20.0
Phenanthrene, 2...	11.886	4.8	ng	315093	4	11.381	1307520	20.0
Anthracene, 1-m...	11.916	5.8	ng	378693	4	11.381	1307520	20.0
4H-Cyclopenta[d...	11.998	7.6	ng	499198	4	11.381	1307520	20.0
Anthracene, 2-m...	12.022	2.8	ng	185387	4	11.381	1307520	20.0
Naphthalene, 2-...	12.186	2.1	ng	134949	4	11.381	1307520	20.0
Phenanthrene, 3...	12.439	2.5	ng	163660	4	11.381	1307520	20.0
11H-Benzo[a]flu...	13.163	3.0	ng	202156	5	14.045	1366580	20.0
11H-Benzo[b]flu...	13.227	3.0	ng	203940	5	14.045	1366580	20.0
unknown16.333	16.333	19.5	ng	666281	6	15.574	684041	20.0