LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WB-301-TOP

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-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF139979.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.205	9	19	29	rVB	2212116	3596286	100.00%	5.857%
2	4.005	314	325	335	rBV	78942	128518	3.57%	0.209%
3	5.116	506	514	523	rVB	141179	212968	5.92%	0.347%
4	5.504	574	580	585	rBV	2211927	2949739	82.02%	4.804%
5	6.504	744	750	759	rVV	2092979	2930953	81.50%	4.773%
6	6.716	782	786	791	rBV2	41698	63301	1.76%	0.103%
7	6.887	810	815	822	rBV	717457	911517	25.35%	1.484%
8	7.069	842	846	852	rVB	63326	77963	2.17%	0.127%
9	7.145	852	859	865	rBV3	55102	102965	2.86%	0.168%
10	7.204	865	869	877	rVB	42956	65361	1.82%	0.106%
11	7.445	901	910	915	rBV	1399760	1921915	53.44%	3.130%
12	7.693	947	952	958	rVB3	53086	109322	3.04%	0.178%
13	7.793	958	969	971	rBV4	24925	68261	1.90%	0.111%
14	7.840	974	977	982	rVB2	57794	78197	2.17%	0.127%
15	7.910	982	989	993	rBV2	102299	173972	4.84%	0.283%
16	7.951	993	996	1000	rBV2	63572	87544	2.43%	0.143%
17	8.169	1026	1033	1035	rBV	910205	1388362	38.61%	2.261%
18	8.192	1035	1037	1041	rVV	1238651	1315232	36.57%	2.142%
19	8.381	1064	1069	1076	rVV7	32864	65822	1.83%	0.107%
20	8.675	1116	1119	1124	rVB4	69664	95087	2.64%	0.155%
21	8.757	1130	1133	1137	rVV	65533	79357	2.21%	0.129%
22	8.810	1137	1142	1149	rVV5	55658	146664	4.08%	0.239%
23	8.881	1149	1154	1159	rVB	1036143	1303126	36.24%	2.122%
24	8.981	1166	1171	1176	rBV	978589	1226156	34.10%	1.997%
25	9.187	1204	1206	1210	rVB	62489	74323	2.07%	0.121%
26	9.245	1210	1216	1221	rBV	2147128	2689193	74.78%	4.379%
27	9.345	1226	1233	1239	rVV2	135772	269388	7.49%	0.439%
28	9.439	1244	1249	1255	rVB	498961	723120	20.11%	1.178%
29	9.510	1255	1261	1265	rBV	414583	647111	17.99%	1.054%
30	9.581	1268	1273	1276	rVV	686102	988490	27.49%	1.610%
31	9.610	1276	1278	1281	rVV	373426	412295	11.46%	0.671%
32	9.645	1281	1284	1289	rVV3	129502	185893	5.17%	0.303%
33	9.698	1289	1293	1301	rVB	334947	516809	14.37%	0.842%
34	9.787	1302	1308	1312	rVB2	313274	451673	12.56%	0.736%
35	9.851	1314	1319	1323	rBV2	43197	77936	2.17%	0.127%
36	9.928	1324	1332	1334	rBV2	840074	1301200	36.18%	2.119%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

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-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	9.957	1334	1337	1342	rVV	1227086	1500408	41.72%	2.443%
38	10.028	1345	1349	1354	rBV	183827	264798	7.36%	0.431%
39	10.081	1354	1358	1361	rBV3	96821	150362	4.18%	0.245%
40	10.122	1361	1365	1369	rVV2	260834	371044	10.32%	0.604%
41	10.163	1369	1372	1380	rVB	175802	249871	6.95%	0.407%
42	10.239	1381	1385	1388	rBV3	189098	289639	8.05%	0.472%
43	10.269	1388	1390	1396	rVB2	139928	176997	4.92%	0.288%
44	10.328	1396	1400	1406	rBV	169304	346991	9.65%	0.565%
45	10.416	1411	1415	1418	rVV4	102776	198050	5.51%	0.323%
46	10.469	1421	1424	1430	rVV	500142	692863	19.27%	1.128%
47	10.528	1430	1434	1438	rVV2	198392	402426	11.19%	0.655%
48	10.581	1440	1443	1447	rVV2	269573	404188	11.24%	0.658%
49	10.634	1448	1452	1459	rVB2	484871	712153	19.80%	1.160%
50	10.710	1459	1465	1470	rBV2	1160631	1627494	45.25%	2.650%
51	10.839	1482	1487	1493	rVB3	233663	347836	9.67%	0.566%
52	10.945	1502	1505	1508	rVB3	81564	89290	2.48%	0.145%
53	11.016	1513	1517	1520	rVV	250953	394317	10.96%	0.642%
54	11.045	1520	1522	1526	rVV2	175910	235606	6.55%	0.384%
55	11.104	1529	1532	1535	rVB	126296	150965	4.20%	0.246%
56	11.222	1549	1552	1555	rVB2	94069	112336	3.12%	0.183%
57	11.304	1562	1566	1574	rVB2	247876	380348	10.58%	0.619%
58	11.410	1580	1584	1586	rBV	698650	959149	26.67%	1.562%
59	11.439	1586	1589	1593	rVV	1512094	1874567	52.13%	3.053%
60	11.486	1593	1597	1601	rVV	571237	719796	20.01%	1.172%
61	11.522	1601	1603	1606	rVB2	77337	79352	2.21%	0.129%
62	11.745	1638	1641	1651	rVB3	129116	208544	5.80%	0.340%
63	11.828	1652	1655	1658	rVB	77666	96360	2.68%	0.157%
64	11.916	1666	1670	1672	rBV	460095	667700	18.57%	1.087%
65	11.939	1672	1674	1679	rVV	654537	774649	21.54%	1.262%
66	11.986	1679	1682	1685	rVV	268848	379886	10.56%	0.619%
67	12.028	1685	1689	1697	rVB	761456	1553179	43.19%	2.529%
68	12.210	1716	1720	1728	rVB2	213603	327048	9.09%	0.533%
69	12.357	1743	1745	1748	rVB	98361	101108	2.81%	0.165%
70	12.392	1748	1751	1757	rVB2	114012	201861	5.61%	0.329%
71	12.463	1759	1763	1766	rBV	362761	499821	13.90%	0.814%
72	12.498	1766	1769	1775	rVV2	255167	462255	12.85%	0.753%
73	12.557	1775	1779	1786	rVB4	148041	319061	8.87%	0.520%
74	12.627	1786	1791	1794	rBV	862867	1079828	30.03%	1.759%
75	12.669	1794	1798	1803	rVV	787103	1014866	28.22%	1.653%
76	12.722	1803	1807	1814	rVB	304909	413506	11.50%	0.673%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

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-BF101824.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.792	1815	1819	1824	rVB3	98911	167115	4.65%	0.272%
78	12.857	1824	1830	1836	rBV	1073423	1567924	43.60%	2.553%
79	12.910	1836	1839	1843	rVB2	94493	118181	3.29%	0.192%
80	12.998	1849	1854	1862	rVB	1640688	2217286	61.65%	3.611%
81	13.069	1863	1866	1873	rBV2	189445	320992	8.93%	0.523%
82	13.180	1879	1885	1889	rVB	403797	739695	20.57%	1.205%
83	13.251	1893	1897	1900	rVV2	292344	432392	12.02%	0.704%
84	13.286	1900	1903	1910	rVV	236289	361896	10.06%	0.589%
85	13.351	1911	1914	1916	rVV	180202	236370	6.57%	0.385%
86	13.380	1916	1919	1921	rVV	220827	294271	8.18%	0.479%
87	13.410	1921	1924	1933	rVB2	237408	364708	10.14%	0.594%
88	14.045	2027	2032	2036	rBV2	1105009	1995549	55.49%	3.250%
89	14.439	2095	2099	2102	rBV	208379	264646	7.36%	0.431%
90	15.098	2206	2211	2221	rVB	309058	682840	18.99%	1.112%
91	15.204	2226	2229	2234	rVB	117084	160468	4.46%	0.261%
92	15.404	2259	2263	2268	rVB	209936	302334	8.41%	0.492%
93	15.463	2269	2273	2279	rVV	351952	540909	15.04%	0.881%
94	15.533	2280	2285	2297	rVB	511205	927302	25.78%	1.510%
95	16.463	2438	2443	2451	rVB2	188098	336317	9.35%	0.548%
96	17.015	2532	2537	2544	rVB2	75292	151341	4.21%	0.246%
97	17.298	2580	2585	2594	rVB	148226	322215	8.96%	0.525%
98	17.462	2609	2613	2619	rVB	52375	100717	2.80%	0.164%
99	17.539	2621	2626	2630	rBV5	49138	121011	3.36%	0.197%
100	18.233	2737	2744	2760	rVB7	119482	412017	11.46%	0.671%

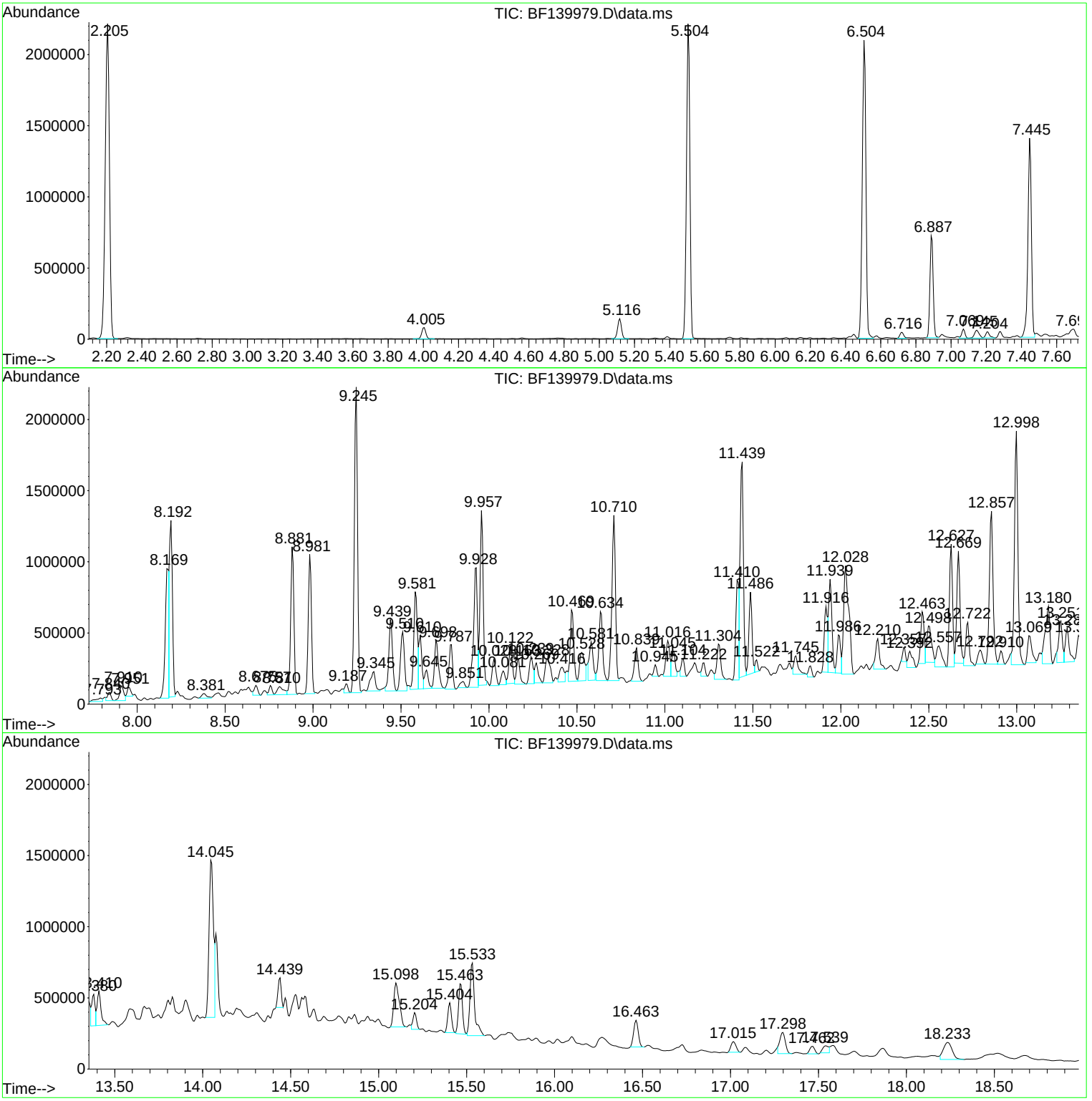
Sum of corrected areas: 61405033

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

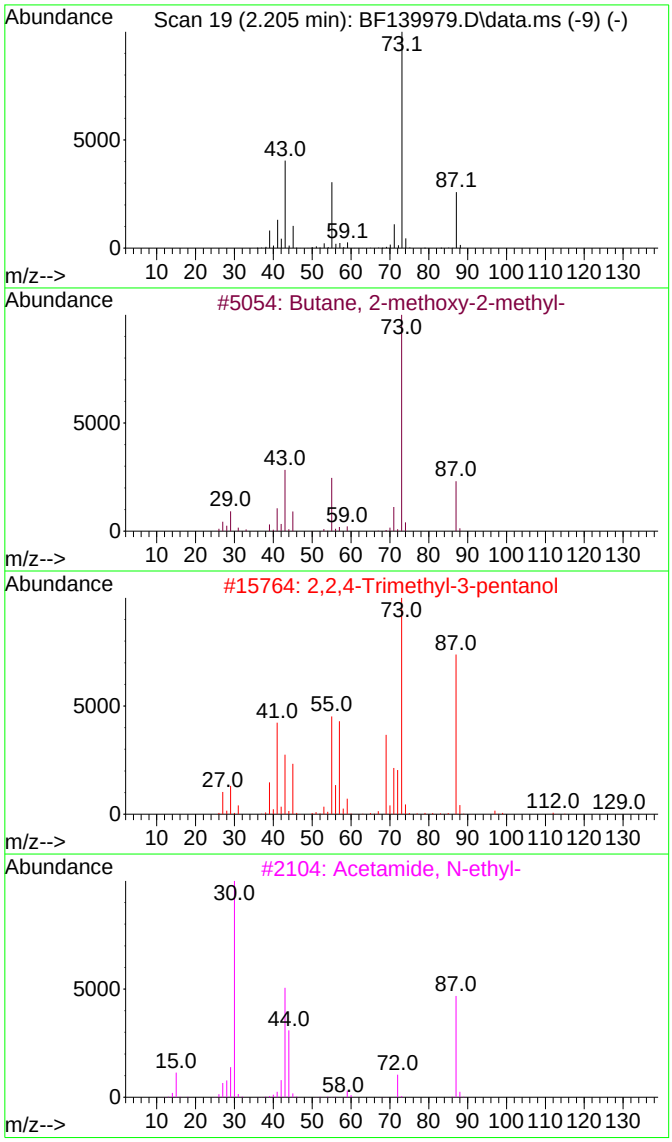
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

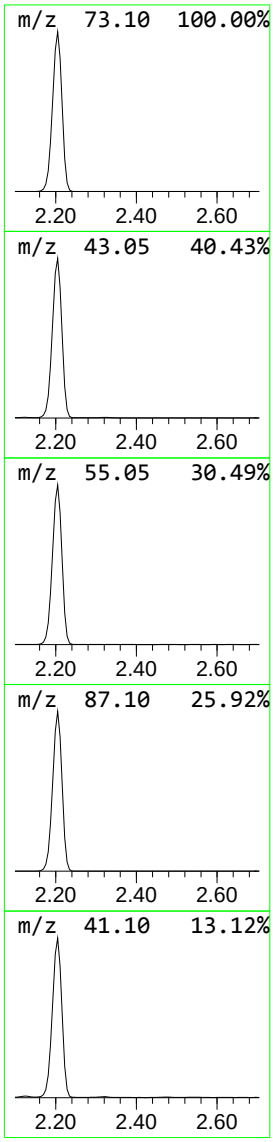
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.205	78.91 ng	3596290	1,4-Dichlorobenzene-d4	6.887

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	39
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

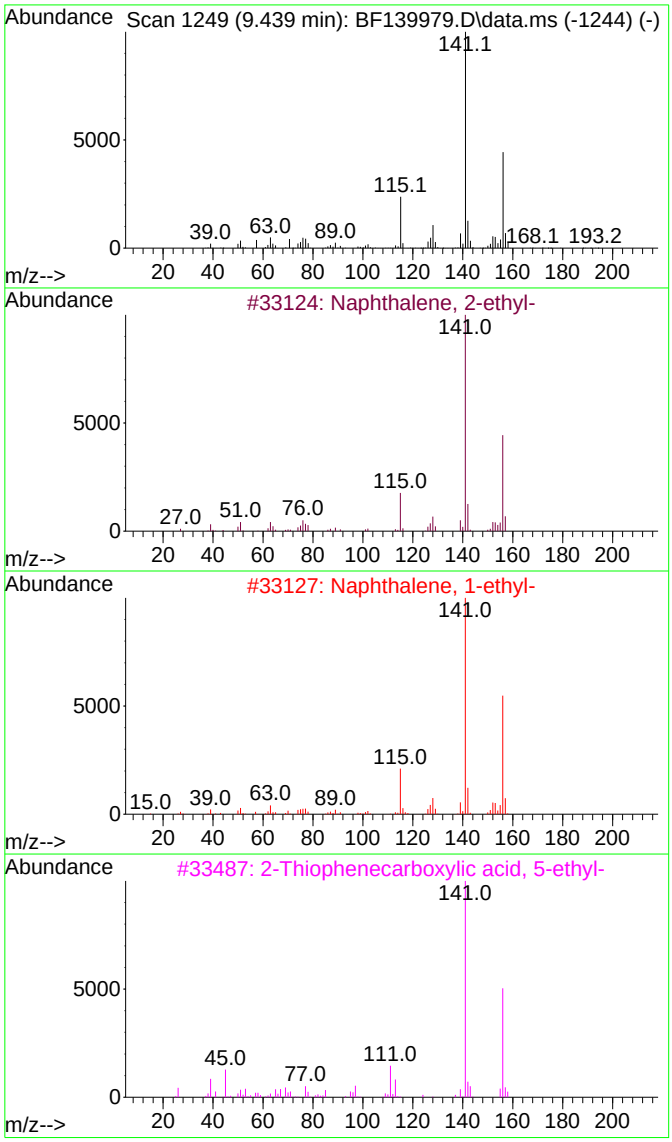
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

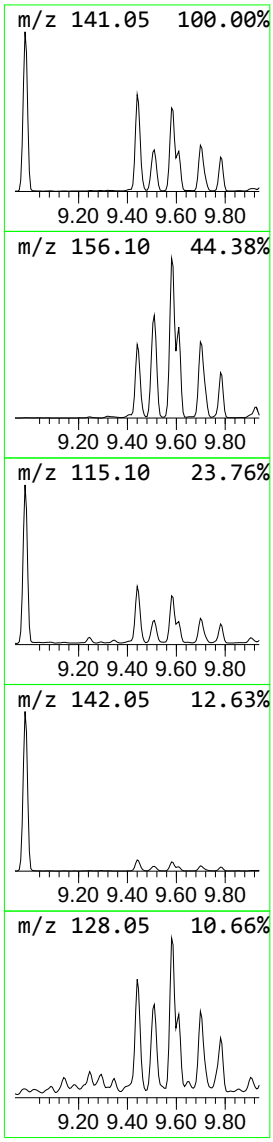
****

Peak Number 2 Naphthalene, 2-ethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.439	11.11 ng	723120	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	97
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	2-Amino-4-tertbutylthiazole	156	C7H12N2S	074370-93-7	59
5	4-(Methylsulfinyl)phenol	156	C7H8O2S	014763-64-5	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

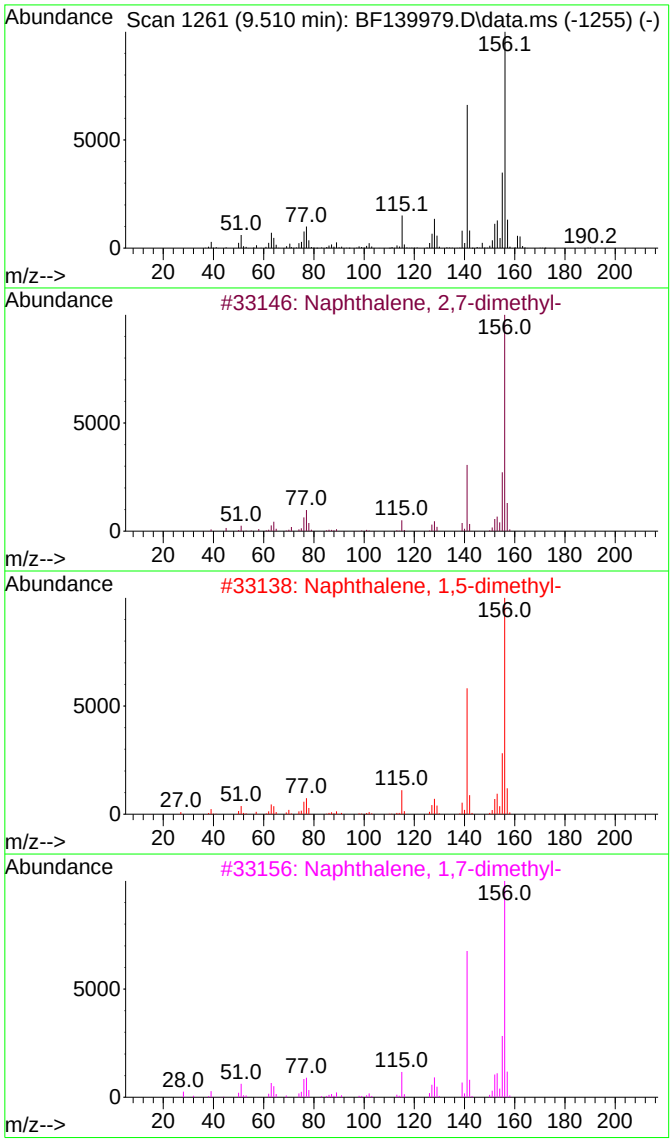
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

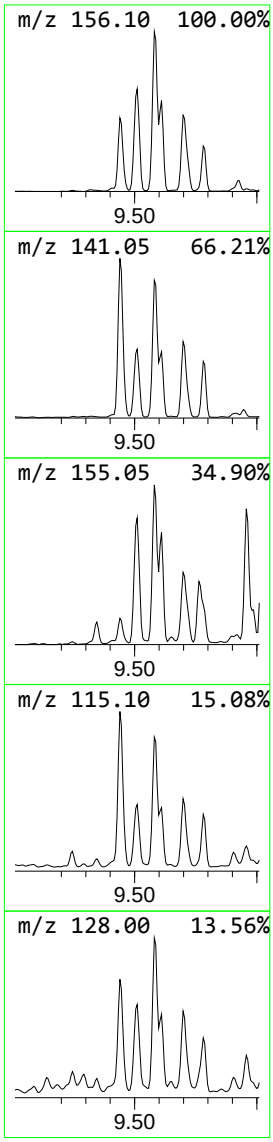
****

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.510	9.95 ng	647111	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

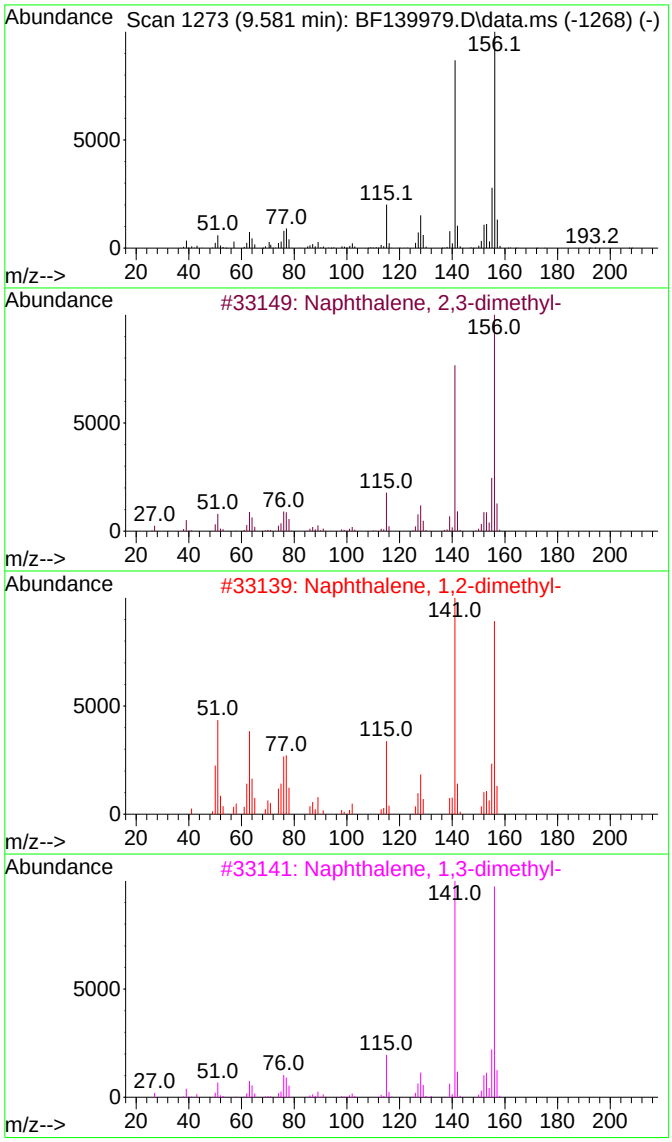
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

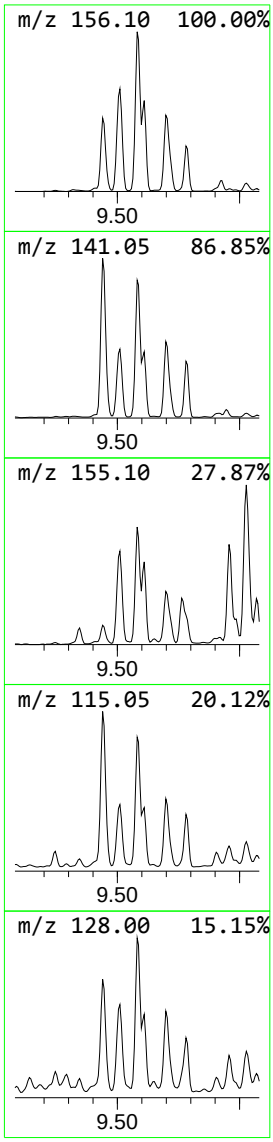
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.581	15.19 ng	988490	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

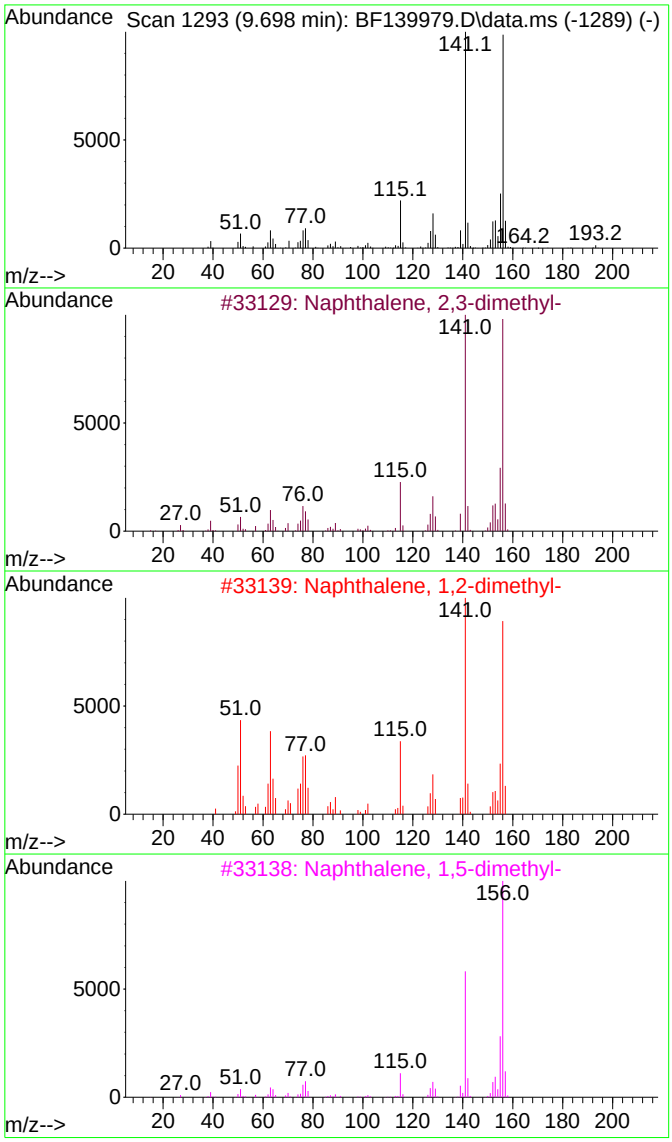
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

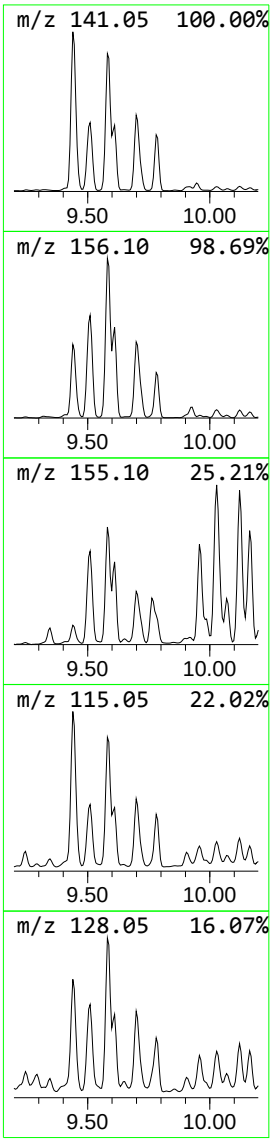
****

Peak Number 5 Naphthalene, 1,2-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.698	7.94 ng	516809	Acenaphthene-d10	9.928

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, 1,5-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





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

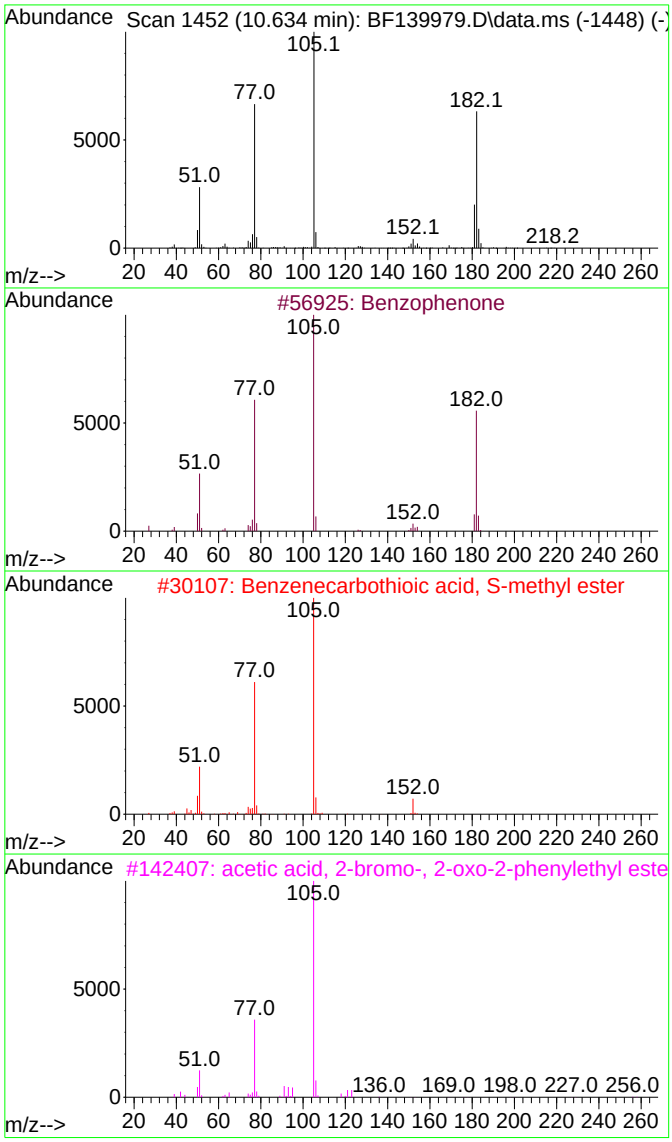
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

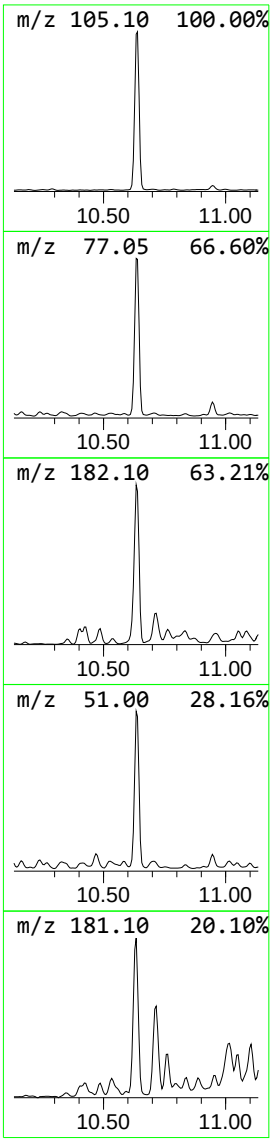
****

Peak Number 6 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	10.95 ng	712153	Acenaphthene-d10	9.928

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
3	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	43
4	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	43
5	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

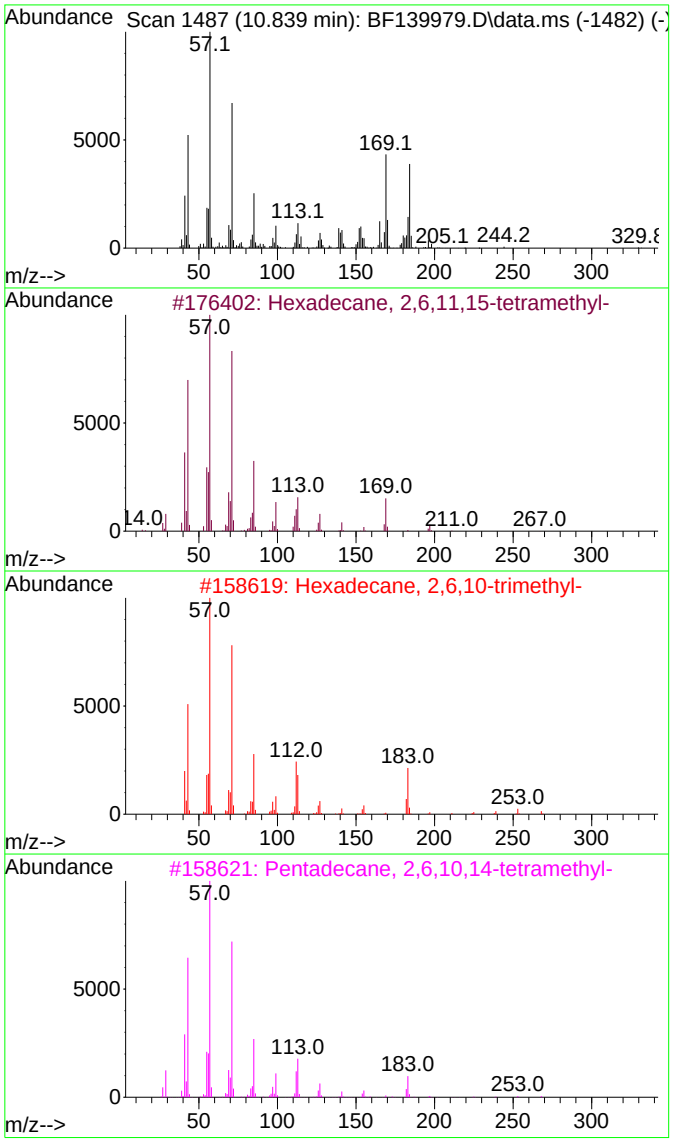
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

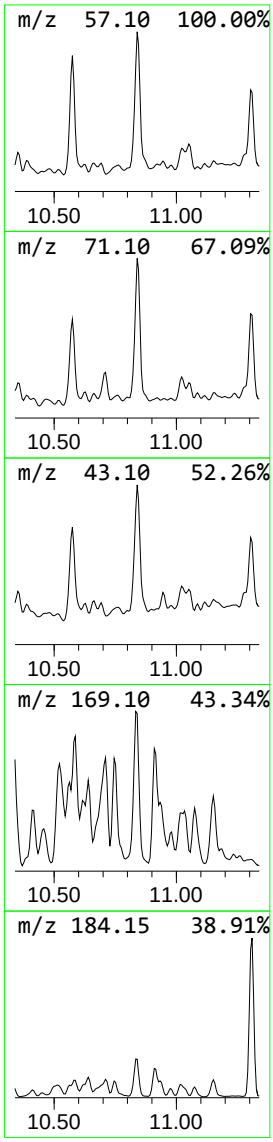
****

Peak Number 7 unknown10.839 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.839	7.25 ng	347836	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	30
2	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	30
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	30
4	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	25
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

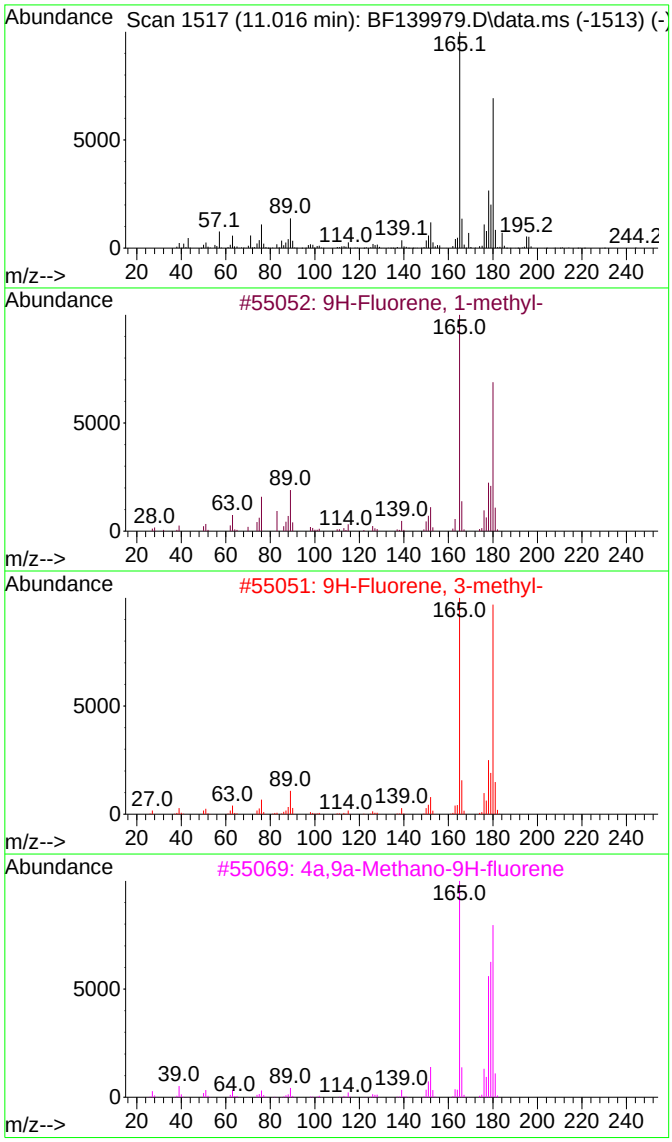
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

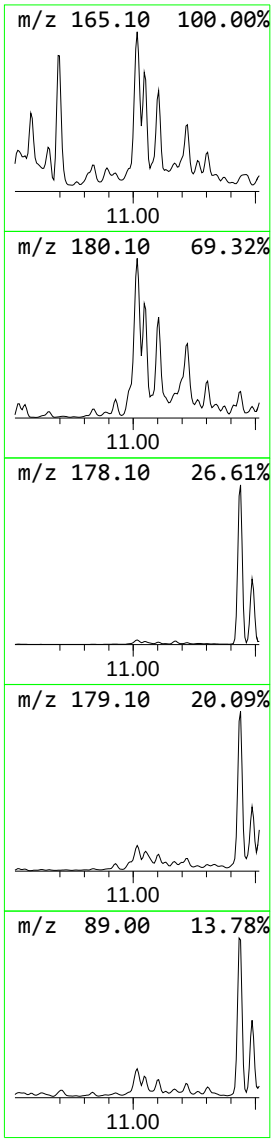
****

Peak Number 8 9H-Fluorene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.016	8.22 ng	394317	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
3	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	91
4	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	72
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

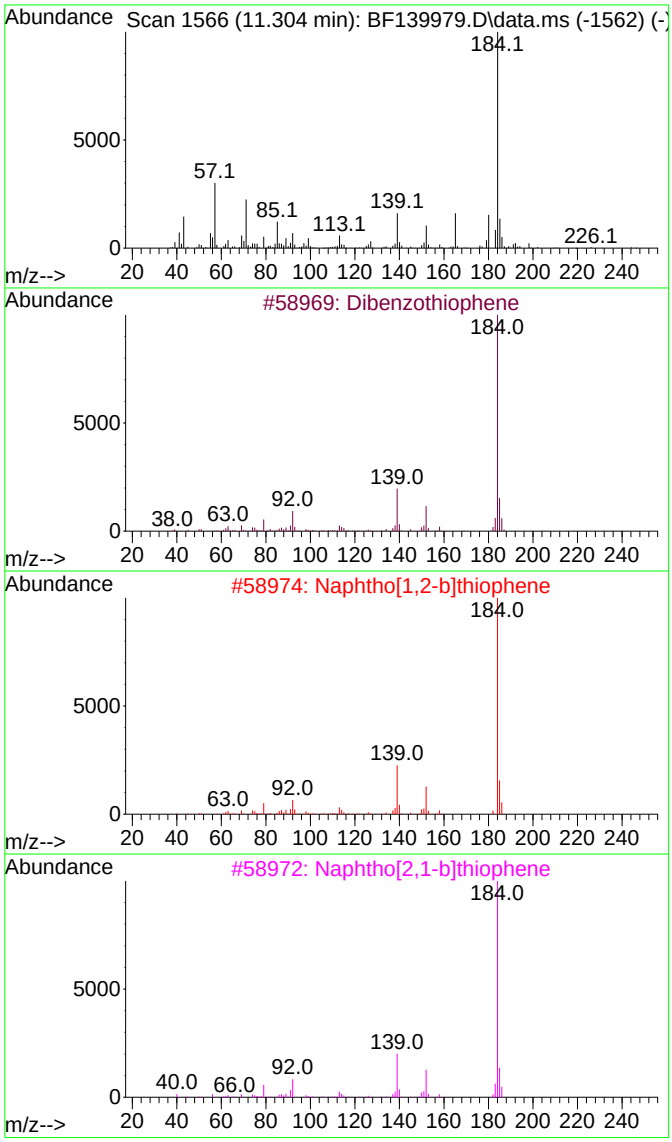
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

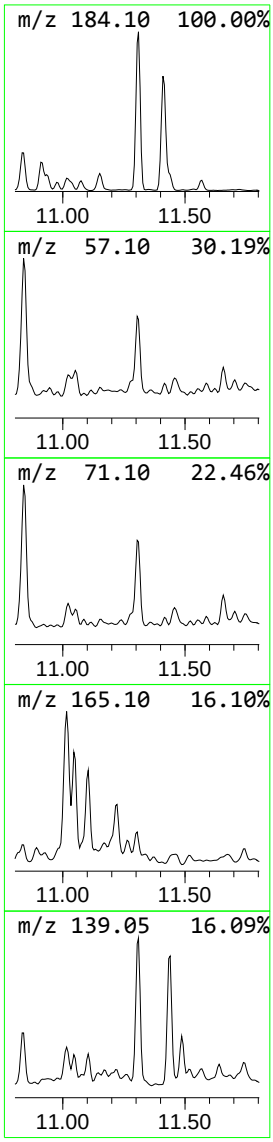
****

Peak Number 9 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	7.93 ng	380348	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	83
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	83
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	64
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

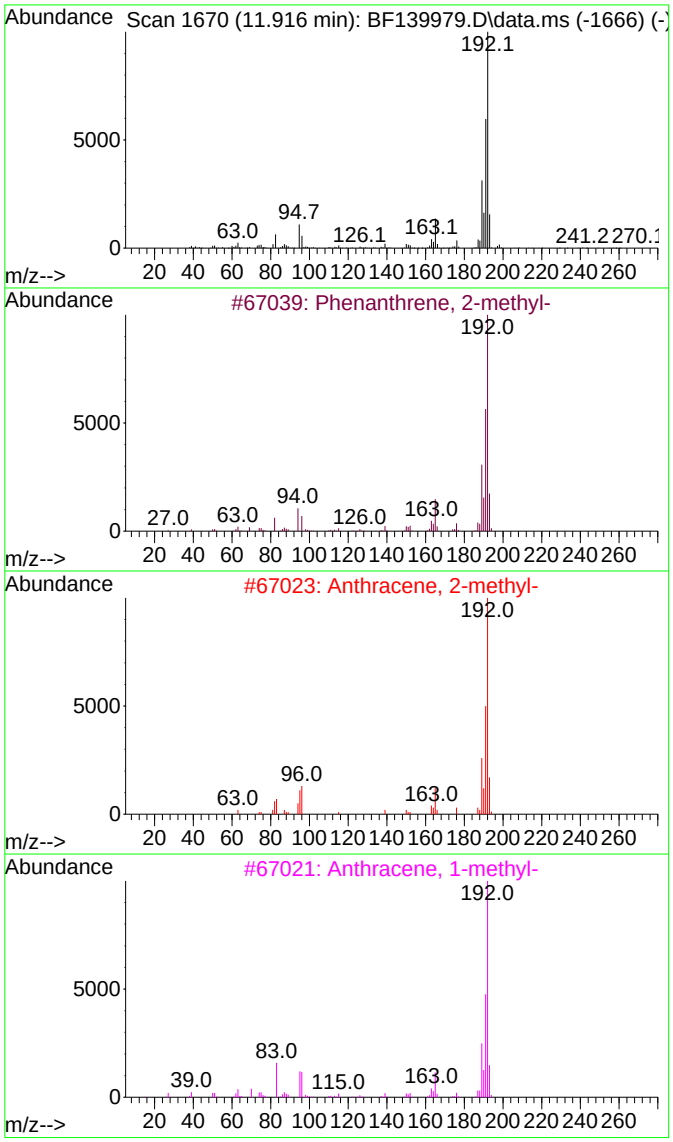
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

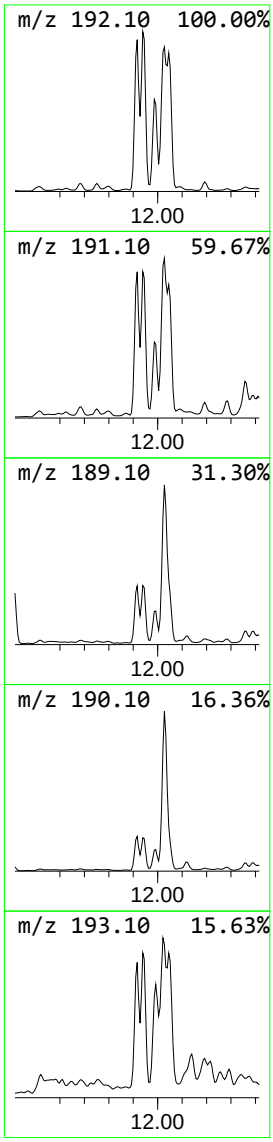
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	13.92 ng	667700	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

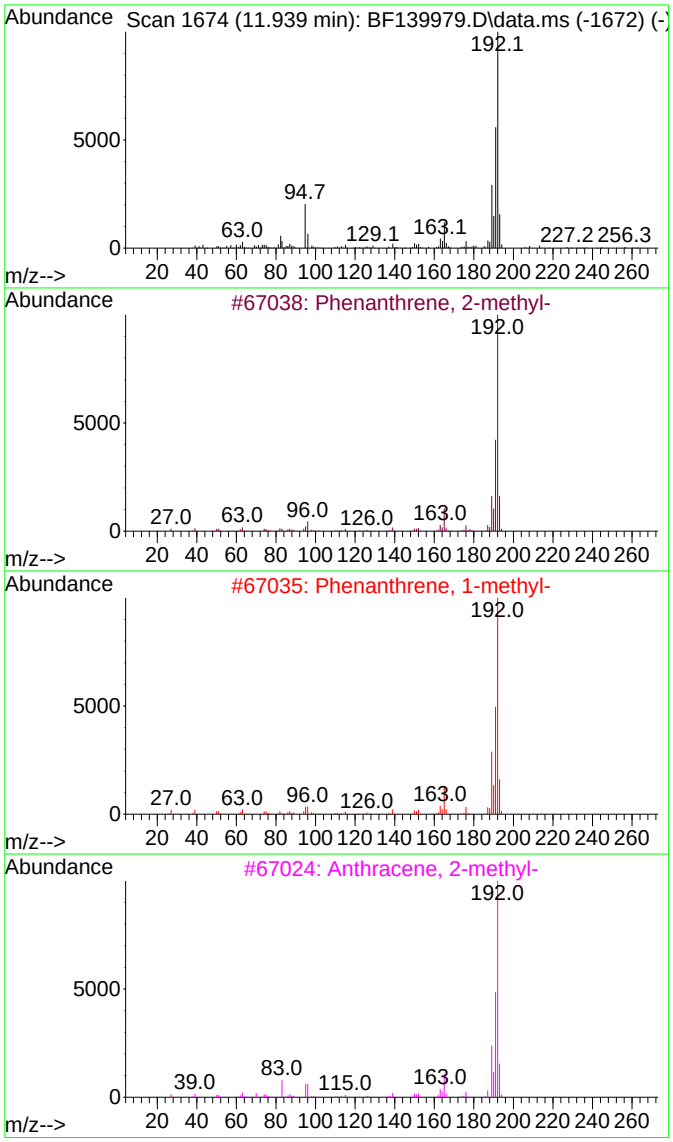
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

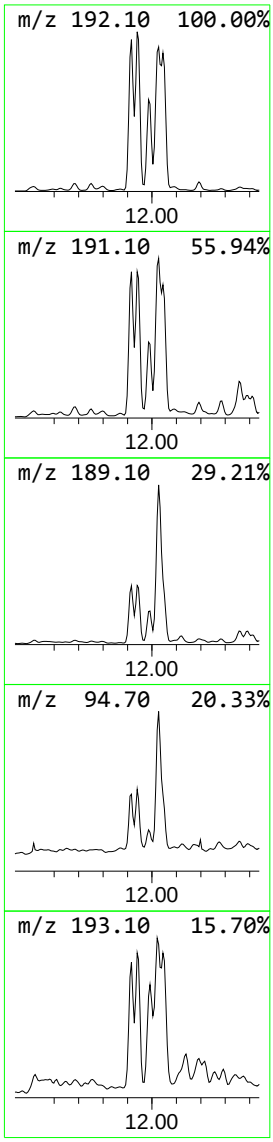
****

Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	16.15 ng	774649	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

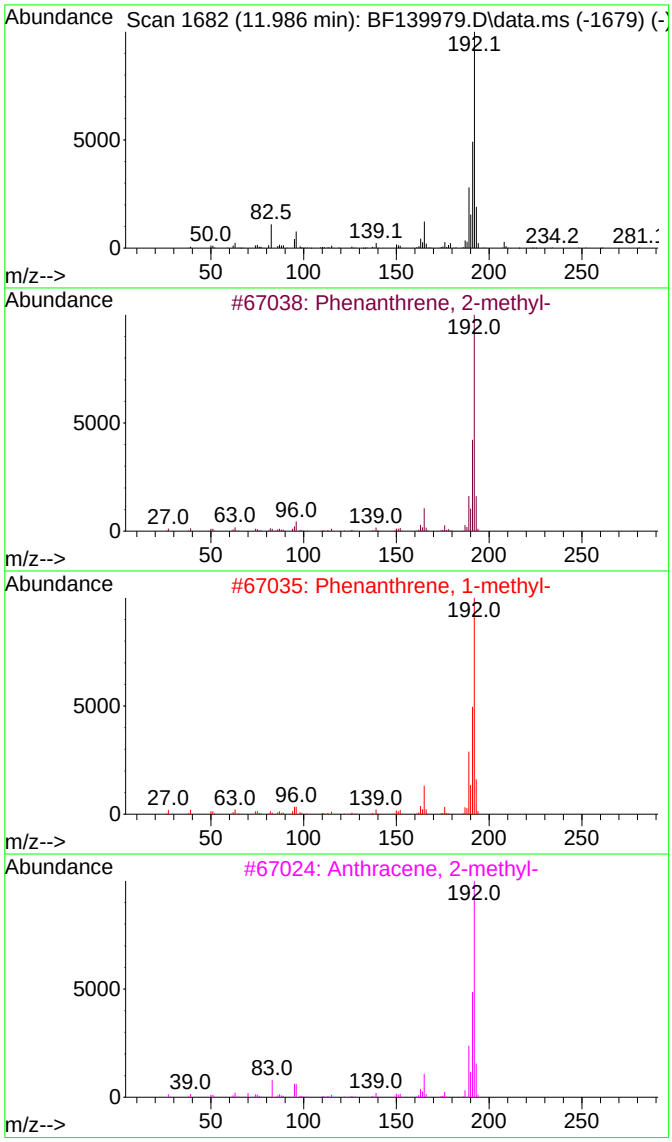
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

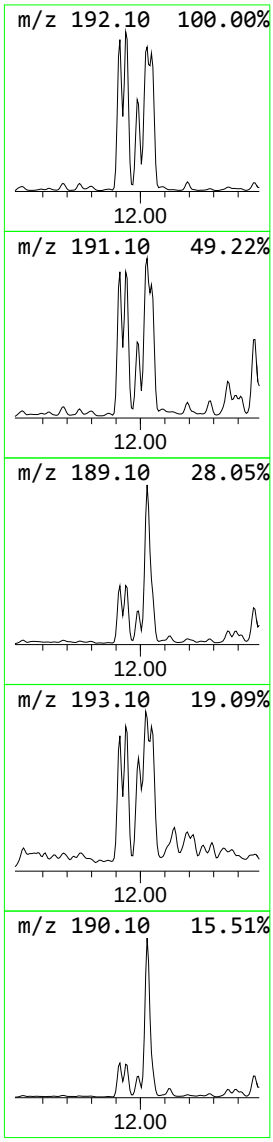
****

Peak Number 12 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	7.92 ng	379886	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

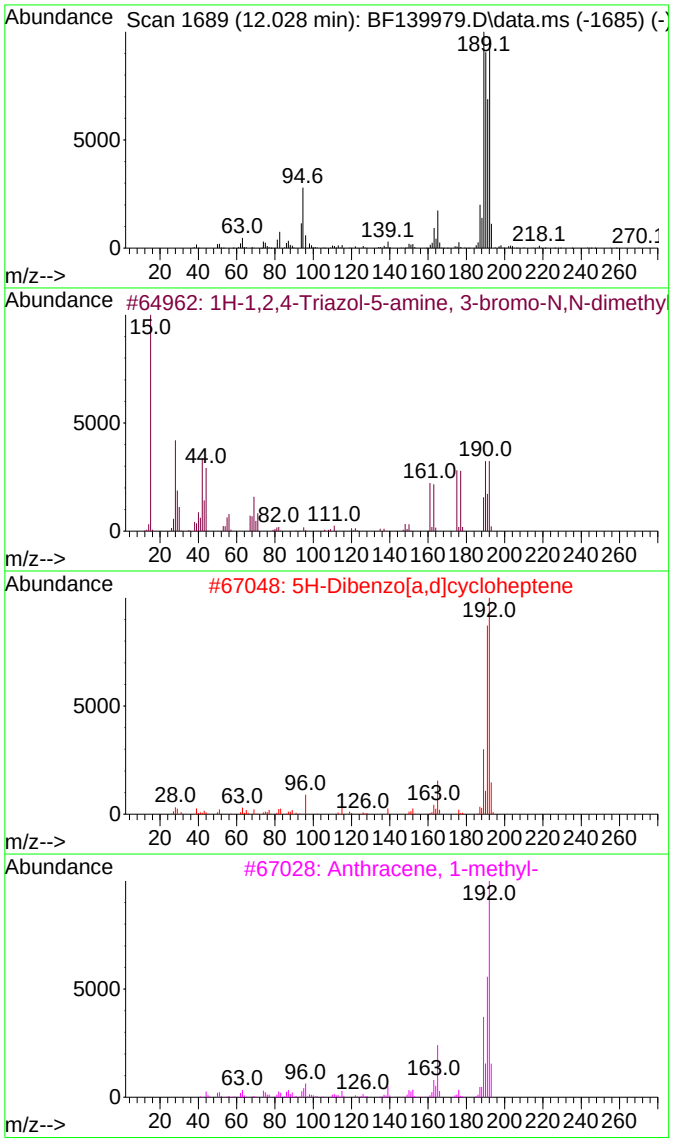
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

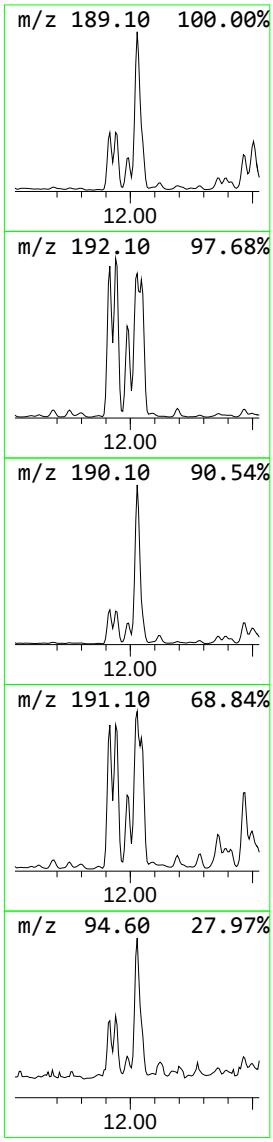
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-1,2,4-Triazol-5-amine, 3... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.028	32.39 ng	1553180	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-1,2,4-Triazol-5-amine, 3-brom...	190	C4H7BrN4	1000460-85-7	50
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

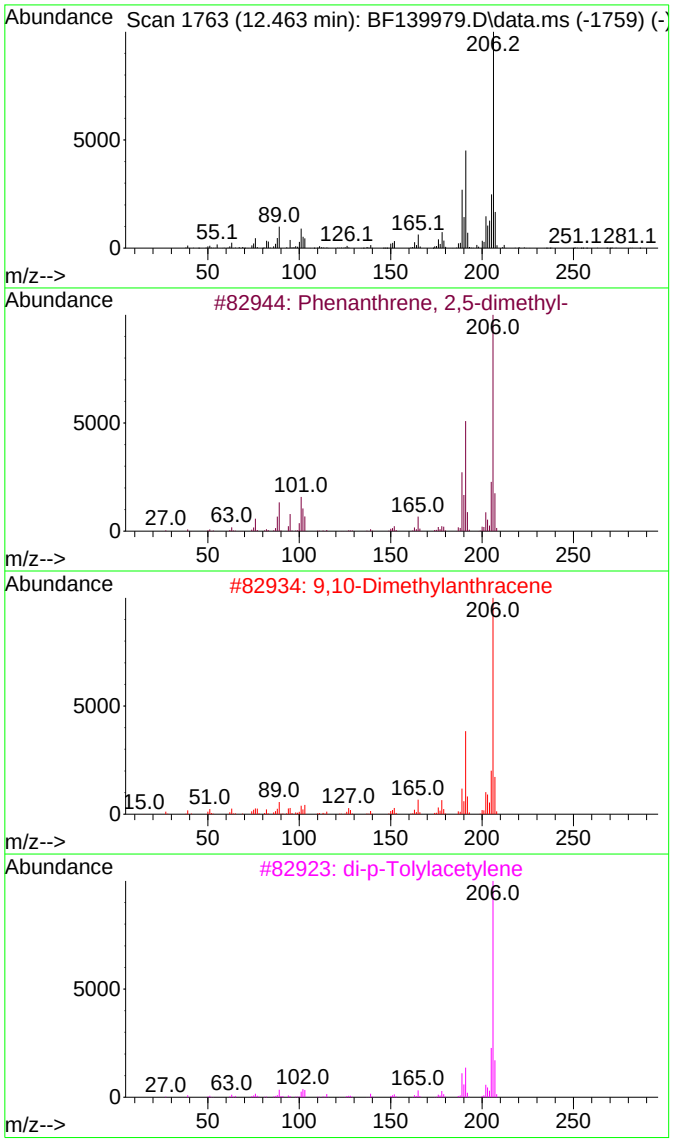
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

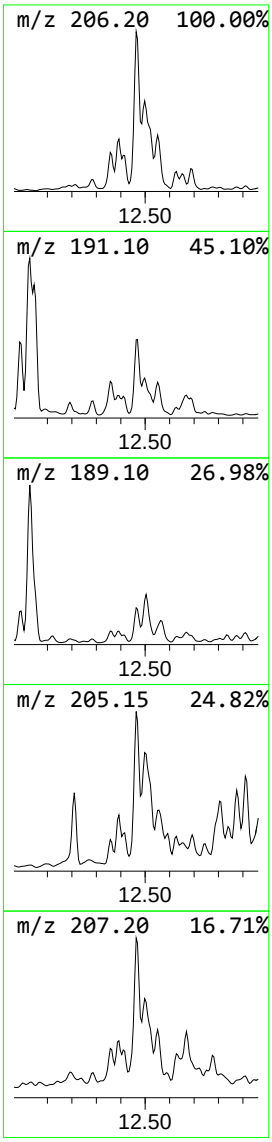
****

Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.463	10.42 ng	499821	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

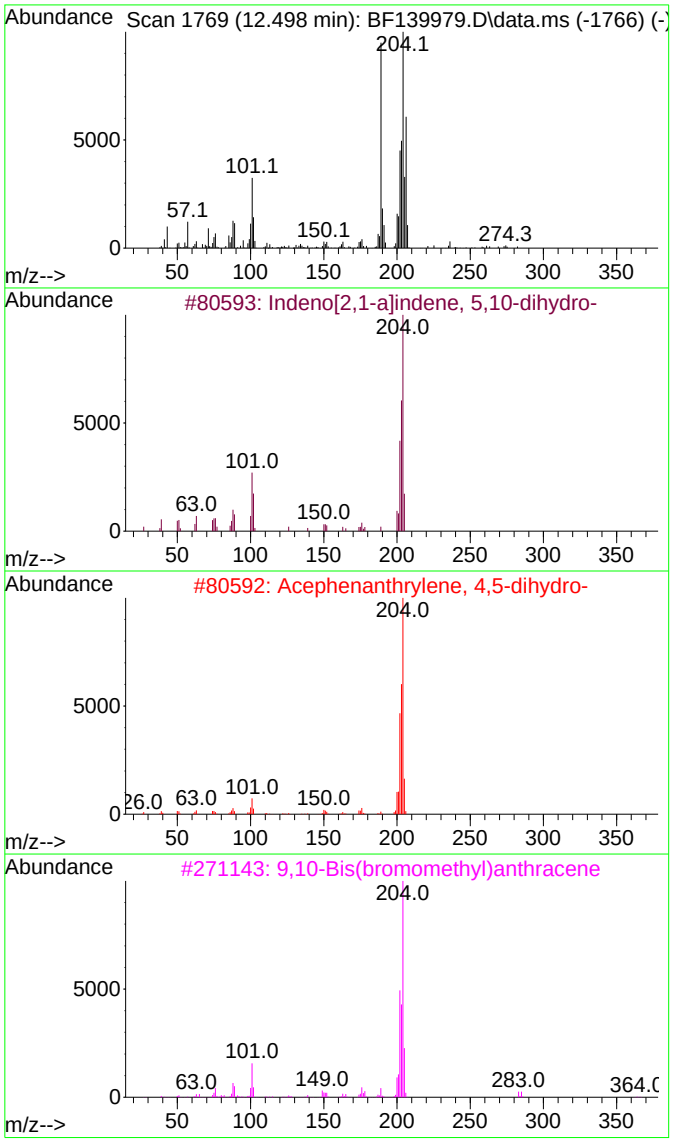
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

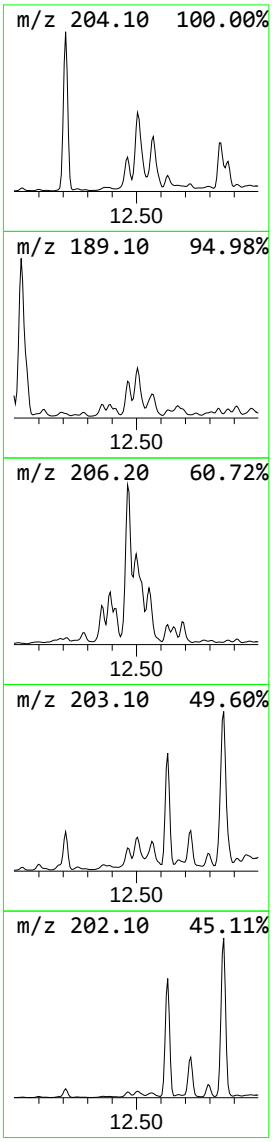
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Indeno[2,1-a]indene, 5,10-d... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.498	9.64 ng	462255	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	86
2	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	60
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

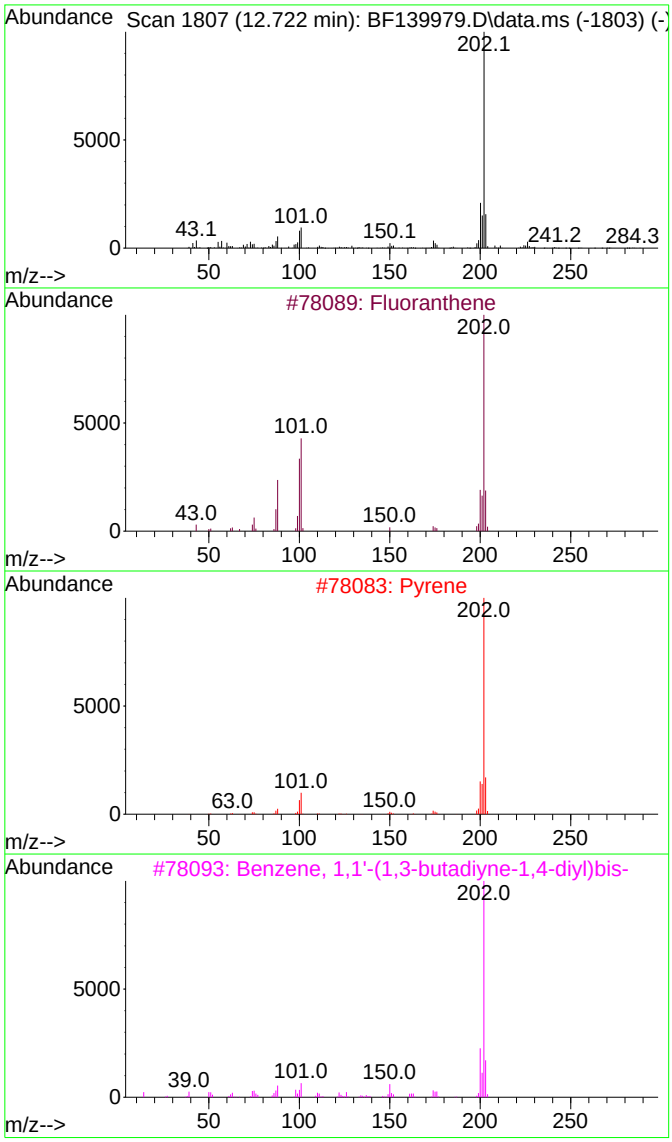
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

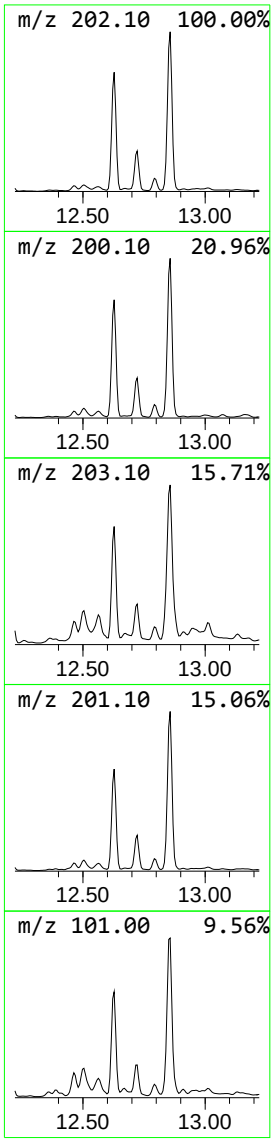
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.722	8.62 ng	413506	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	81
2	Pyrene	202	C16H10	000129-00-0	81
3	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	72
4	4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	60
5	7H-Furo[3,2-g][1]benzopyran-7-on...	202	C11H6O4	002009-24-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

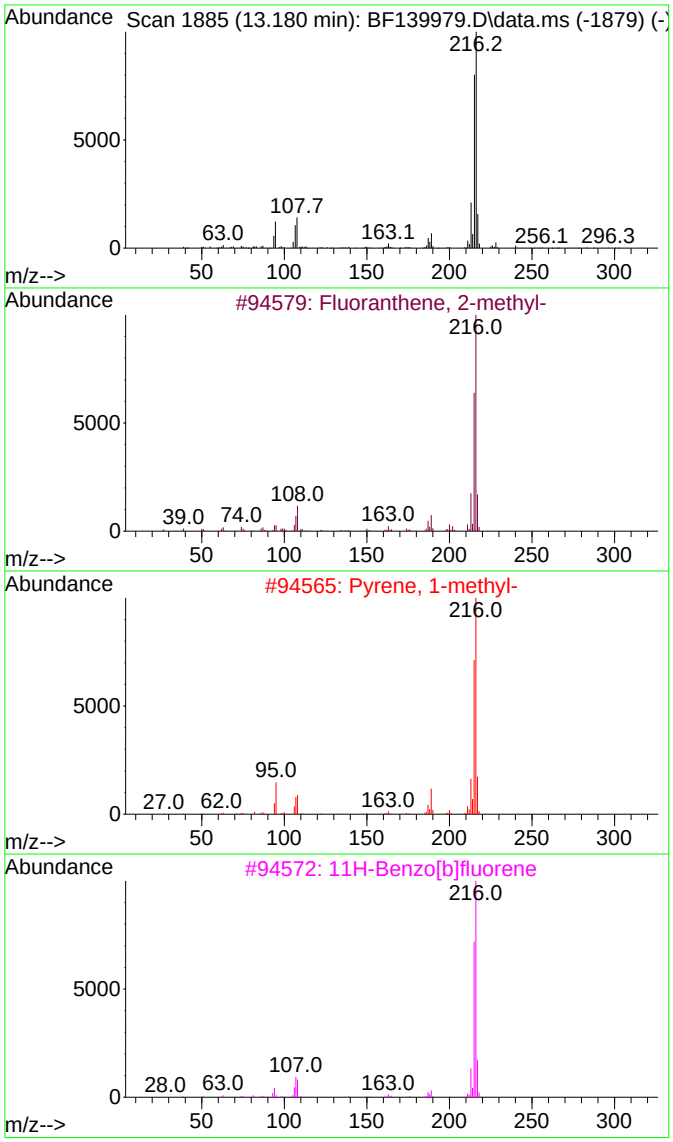
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

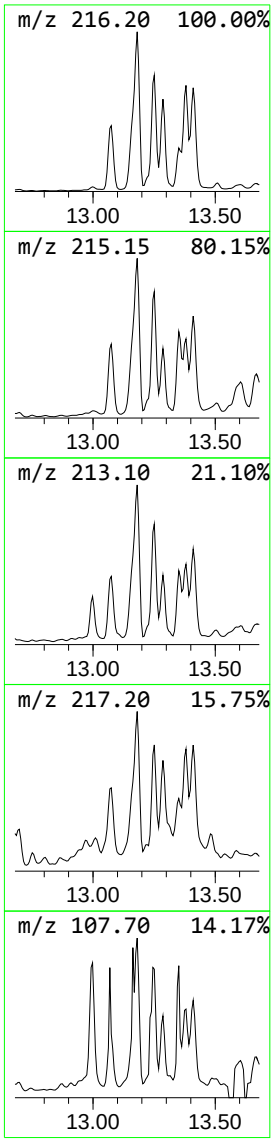
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.180	7.41 ng	739695	Chrysene-d12	14.051

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

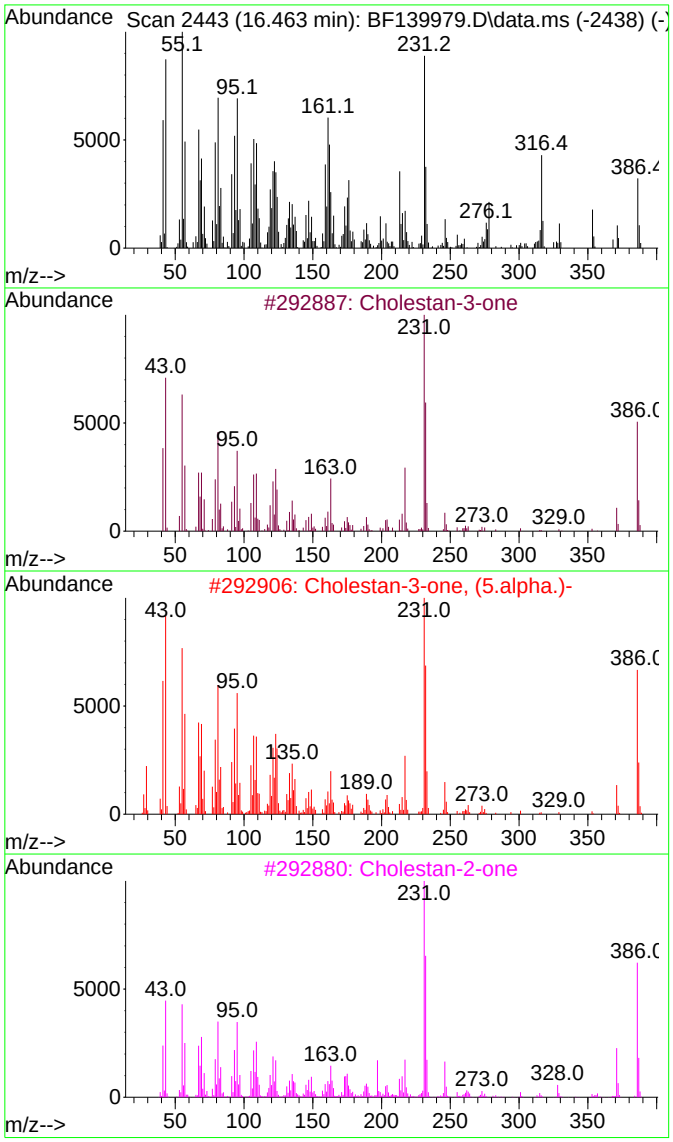
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

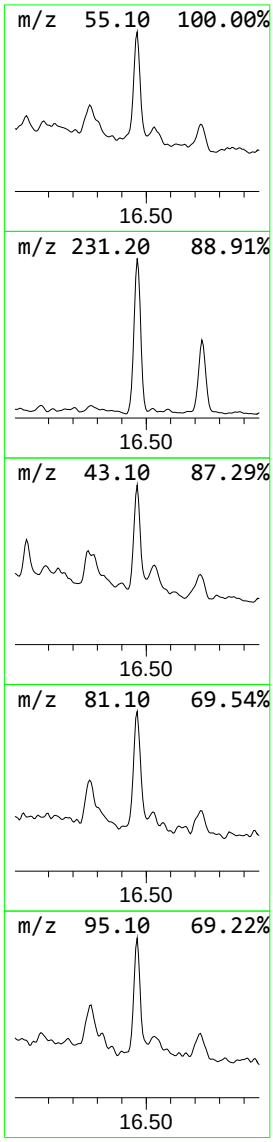
****

Peak Number 18 Cholestan-3-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.462	7.25 ng	336317	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cholestan-3-one	386	C27H46O	015600-08-5	90
2	Cholestan-3-one, (5.alpha.)-	386	C27H46O	000566-88-1	90
3	Cholestan-2-one	386	C27H46O	1010210-43-4	68
4	Cholestan-3-one, (5.beta.)-	386	C27H46O	000601-53-6	43
5	Arnicolide A (isomer 1)	306	C17H22O5	1000495-69-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

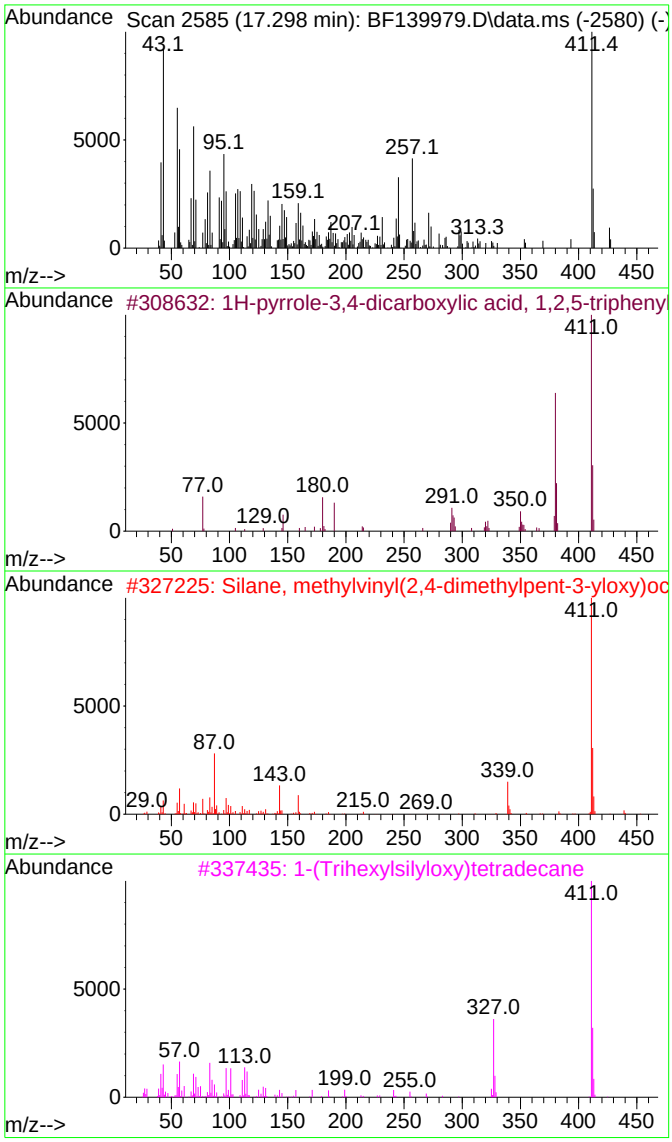
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

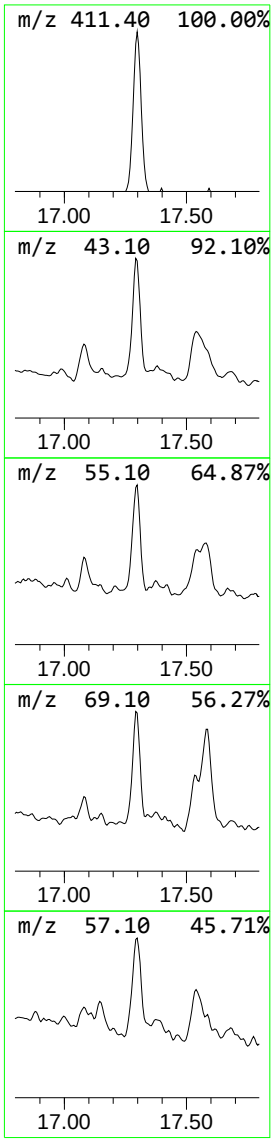
****

Peak Number 19 unknown17.298 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.298	6.95 ng	322215	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-pyrrole-3,4-dicarboxylic acid...	411	C26H21NO4	1000399-06-9	27
2	Silane, methylvinyl(2,4-dimethyl...	454	C28H58O2Si	1010416-92-1	27
3	1-(Trihexylsilyloxy)tetradecane	497	C32H68OSi	1000308-32-9	27
4	Tricosanoic acid, TBDMS derivative	468	C29H60O2Si	1000352-40-3	27
5	2,4-Diamino-N-[3,4-dichlorobenzy...	411	C16H15Cl2N5O2S	092144-31-5	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

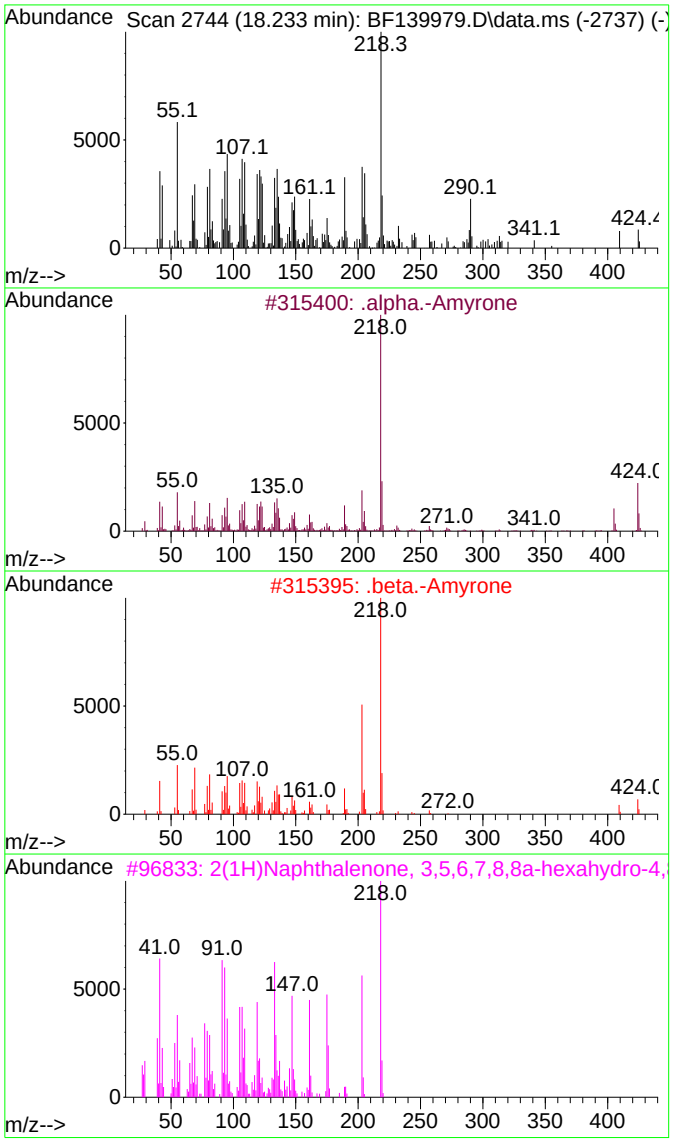
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

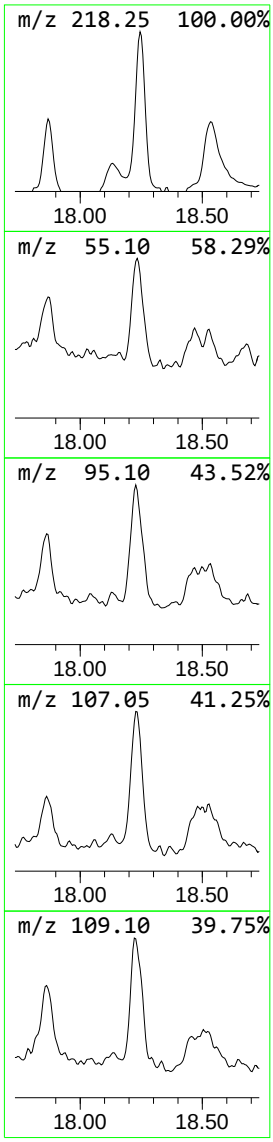
****

Peak Number 20 .alpha.-Amyrone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	8.89 ng	412017	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Amyrone	424	C30H48O	000638-96-0	97
2	.beta.-Amyrone	424	C30H48O	000638-97-1	87
3	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	72
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	64
5	7-Isopropenyl-1,4a-dimethyl-4,4a...	218	C15H22O	000473-08-5	49





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139979.D
Acq On : 23 Oct 2024 22:17
Operator : RC/JU
Sample : P4397-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WB-301-TOP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.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...	2.205	78.9	ng	3596290	1	6.887	911517	20.0
Naphthalene, 2-...	9.439	11.1	ng	723120	3	9.928	1301200	20.0
Naphthalene, 2,...	9.510	9.9	ng	647111	3	9.928	1301200	20.0
Naphthalene, 2,...	9.581	15.2	ng	988490	3	9.928	1301200	20.0
Naphthalene, 1,...	9.698	7.9	ng	516809	3	9.928	1301200	20.0
Benzophenone	10.634	10.9	ng	712153	3	9.928	1301200	20.0
unknown10.839	10.839	7.3	ng	347836	4	11.410	959149	20.0
9H-Fluorene, 1-...	11.016	8.2	ng	394317	4	11.410	959149	20.0
Dibenzothiophene	11.304	7.9	ng	380348	4	11.410	959149	20.0
Phenanthrene, 2...	11.916	13.9	ng	667700	4	11.410	959149	20.0
Phenanthrene, 1...	11.939	16.1	ng	774649	4	11.410	959149	20.0
Anthracene, 2-m...	11.986	7.9	ng	379886	4	11.410	959149	20.0
1H-1,2,4-Triazo...	12.028	32.4	ng	1553180	4	11.410	959149	20.0
Phenanthrene, 2...	12.463	10.4	ng	499821	4	11.410	959149	20.0
Indeno[2,1-a]in...	12.498	9.6	ng	462255	4	11.410	959149	20.0
Benzene, 1,1'-(...	12.722	8.6	ng	413506	4	11.410	959149	20.0
Fluoranthene, 2...	13.180	7.4	ng	739695	5	14.051	1995550	20.0
Cholestan-3-one	16.462	7.3	ng	336317	6	15.533	927302	20.0
unknown17.298	17.298	7.0	ng	322215	6	15.533	927302	20.0
.alpha.-Amyrone	18.233	8.9	ng	412017	6	15.533	927302	20.0