LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136518.D
Acq On : 12 Dec 2023 16:18
Operator : CG\JU
Sample : 05740-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251686

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-BF120523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF136518.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.022	495	499	504	rVB	42257	47898	3.04%	0.262%
2	5.434	565	569	572	rBV	1572919	1321415	83.99%	7.238%
3	6.434	735	739	742	rBV	1591472	1313888	83.51%	7.197%
4	6.792	797	800	804	rVB	622446	498035	31.66%	2.728%
5	7.351	891	895	898	rBV	980473	809335	51.44%	4.433%
6	8.069	1011	1017	1021	rBV	811053	655986	41.70%	3.593%
7	8.492	1085	1089	1091	rBV	40551	34365	2.18%	0.188%
8	9.092	1189	1191	1195	rVB	48057	40279	2.56%	0.221%
9	9.145	1196	1200	1204	rBV	1792076	1573280	100.00%	8.618%
10	9.222	1211	1213	1218	rBV5	19453	26045	1.66%	0.143%
11	9.480	1255	1257	1260	rBV3	19854	22422	1.43%	0.123%
12	9.533	1264	1266	1267	rVV	51539	38926	2.47%	0.213%
13	9.551	1267	1269	1272	rVV	81158	64041	4.07%	0.351%
14	9.586	1272	1275	1282	rVB9	13097	29404	1.87%	0.161%
15	9.692	1290	1293	1296	rBV3	37930	48128	3.06%	0.264%
16	9.739	1298	1301	1303	rVB	54693	52168	3.32%	0.286%
17	9.827	1309	1316	1319	rBV	881363	765354	48.65%	4.192%
18	9.857	1319	1321	1325	rVB3	43199	49421	3.14%	0.271%
19	9.939	1332	1335	1338	rVB4	22289	24167	1.54%	0.132%
20	9.986	1339	1343	1346	rBV5	26827	34101	2.17%	0.187%
21	10.027	1347	1350	1353	rVV2	26676	28872	1.84%	0.158%
22	10.092	1358	1361	1364	rVB3	25672	24314	1.55%	0.133%
23	10.145	1367	1370	1372	rBV3	33975	35310	2.24%	0.193%
24	10.198	1376	1379	1382	rBV4	24428	30000	1.91%	0.164%
25	10.233	1382	1385	1390	rBV2	56290	60328	3.83%	0.330%
26	10.374	1405	1409	1412	rBV3	57526	75822	4.82%	0.415%
27	10.486	1422	1428	1431	rBV	106235	126655	8.05%	0.694%
28	10.533	1434	1436	1440	rVB2	33352	36096	2.29%	0.198%
29	10.616	1447	1450	1454	rBV	939230	856885	54.46%	4.694%
30	10.751	1469	1473	1479	rBV	271849	278385	17.69%	1.525%
31	10.951	1505	1507	1511	rBV5	35032	48030	3.05%	0.263%
32	11.216	1549	1552	1557	rVB	141188	163939	10.42%	0.898%
33	11.321	1566	1570	1572	rBV	714787	672036	42.72%	3.681%
34	11.345	1572	1574	1577	rVV	481068	386907	24.59%	2.119%
35	11.392	1580	1582	1586	rVB	104250	83721	5.32%	0.459%
36	11.551	1607	1609	1611	rBV	34374	32909	2.09%	0.180%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136518.D
Acq On : 12 Dec 2023 16:18
Operator : CG\JU
Sample : 05740-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251686

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-BF120523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.821	1653	1655	1657	rBV	82184	58700	3.73%	0.322%
38	11.851	1657	1660	1665	rVB	218317	211232	13.43%	1.157%
39	11.933	1671	1674	1677	rBV	118555	118150	7.51%	0.647%
40	12.121	1703	1706	1708	rBV	61914	50949	3.24%	0.279%
41	12.145	1708	1710	1714	rVB4	45174	36250	2.30%	0.199%
42	12.304	1735	1737	1743	rVB3	43994	75481	4.80%	0.413%
43	12.374	1746	1749	1752	rVV	74480	76260	4.85%	0.418%
44	12.416	1754	1756	1760	rVB4	50505	54175	3.44%	0.297%
45	12.457	1761	1763	1768	rVB4	36821	43013	2.73%	0.236%
46	12.539	1773	1777	1780	rBV	716996	645865	41.05%	3.538%
47	12.639	1792	1794	1796	rBV3	37683	38930	2.47%	0.213%
48	12.768	1810	1816	1819	rBV	650950	661186	42.03%	3.622%
49	12.792	1819	1820	1822	rVV2	38541	21286	1.35%	0.117%
50	12.816	1822	1824	1832	rVB4	40811	59579	3.79%	0.326%
51	12.915	1837	1841	1848	rVB	1416284	1285740	81.72%	7.043%
52	13.098	1869	1872	1875	rVB	88607	89460	5.69%	0.490%
53	13.163	1881	1883	1886	rVB	51396	37128	2.36%	0.203%
54	13.198	1886	1889	1892	rVB	74719	69282	4.40%	0.380%
55	13.292	1903	1905	1908	rVB	47487	36190	2.30%	0.198%
56	13.321	1908	1910	1913	rVB	43839	34810	2.21%	0.191%
57	13.604	1956	1958	1963	rVB2	53824	61741	3.92%	0.338%
58	13.721	1974	1978	1980	rBV2	41778	58939	3.75%	0.323%
59	13.745	1980	1982	1984	rVV	51652	48881	3.11%	0.268%
60	13.780	1984	1988	1991	rVV3	52629	83395	5.30%	0.457%
61	13.815	1992	1994	1999	rVB2	62779	64751	4.12%	0.355%
62	13.968	2015	2020	2023	rBV2	641080	856219	54.42%	4.690%
63	13.998	2023	2025	2028	rVB	316671	222096	14.12%	1.217%
64	14.074	2036	2038	2041	rVB	65023	59232	3.76%	0.324%
65	14.145	2048	2050	2052	rBV3	33588	29393	1.87%	0.161%
66	14.362	2084	2087	2090	rVB	68571	67506	4.29%	0.370%
67	14.392	2090	2092	2096	rVB	44249	41069	2.61%	0.225%
68	14.451	2100	2102	2105	rVB2	51833	45424	2.89%	0.249%
69	14.486	2105	2108	2110	rBV2	35949	33133	2.11%	0.181%
70	15.015	2194	2198	2202	rBV	305471	497652	31.63%	2.726%
71	15.321	2247	2250	2257	rVB	182294	251037	15.96%	1.375%
72	15.386	2257	2261	2268	rVV	289466	343611	21.84%	1.882%
73	15.451	2268	2272	2276	rVV	462446	633060	40.24%	3.468%
74	15.480	2276	2277	2284	rVB2	99997	125959	8.01%	0.690%
75	15.951	2353	2357	2361	rBV4	25530	39343	2.50%	0.216%
76	16.945	2520	2526	2534	rBV2	132765	304564	19.36%	1.668%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136518.D
Acq On : 12 Dec 2023 16:18
Operator : CG\JU
Sample : 05740-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251686

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-BF120523.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	17.192	2565	2568	2577	rVB3	20968	41042	2.61%	0.225%
78	17.398	2597	2603	2613	rVB	94551	208221	13.23%	1.141%
79	17.639	2642	2644	2651	rVB2	26355	46887	2.98%	0.257%

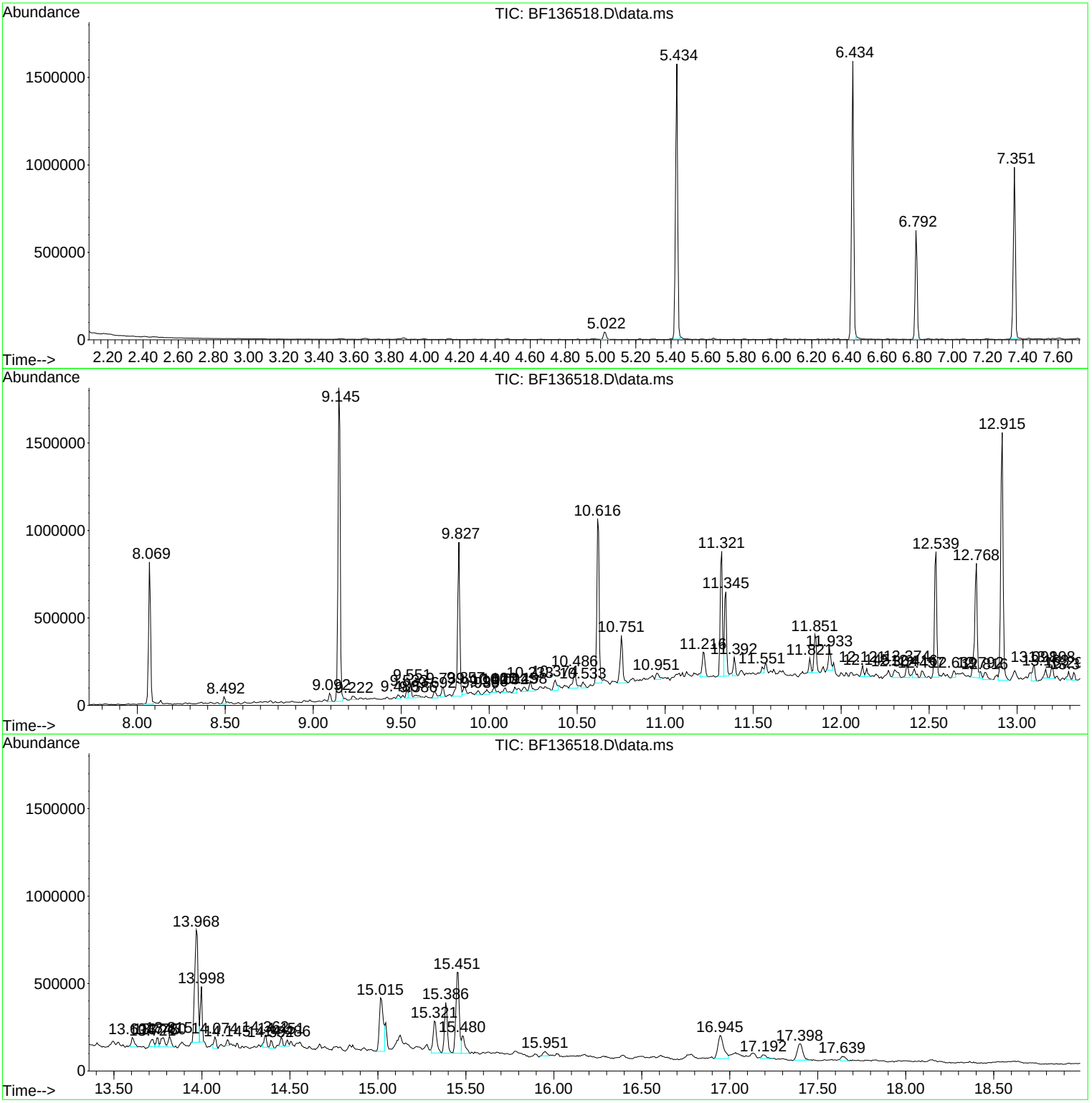
Sum of corrected areas: 18255688

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136518.D
Acq On : 12 Dec 2023 16:18
Operator : CG\JU
Sample : 05740-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251686

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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\BF121223\
Data File : BF136518.D
Acq On : 12 Dec 2023 16:18
Operator : CG\JU
Sample : 05740-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251686

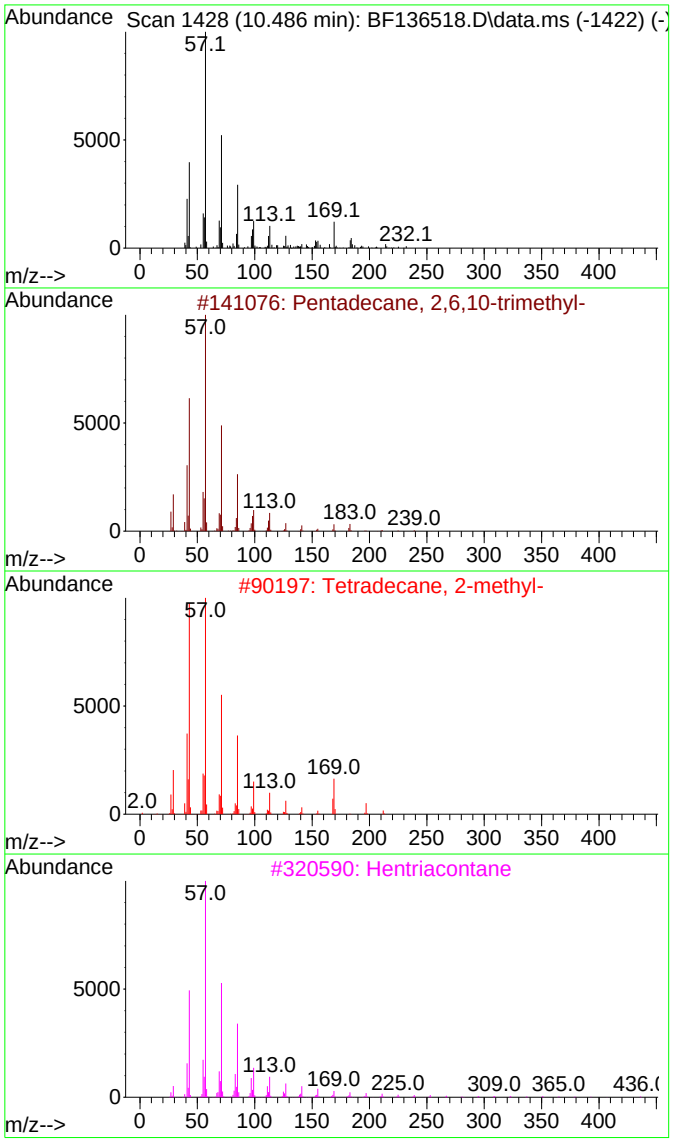
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

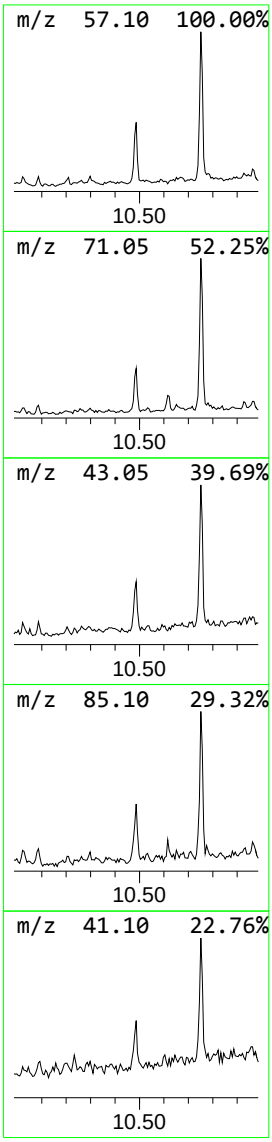
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Pentadecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.486	3.31 ng	126655	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
2	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	72
3	Hentriacontane	437	C31H64	000630-04-6	72
4	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	64
5	Tridecane	184	C13H28	000629-50-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136518.D
Acq On : 12 Dec 2023 16:18
Operator : CG\JU
Sample : 05740-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251686

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

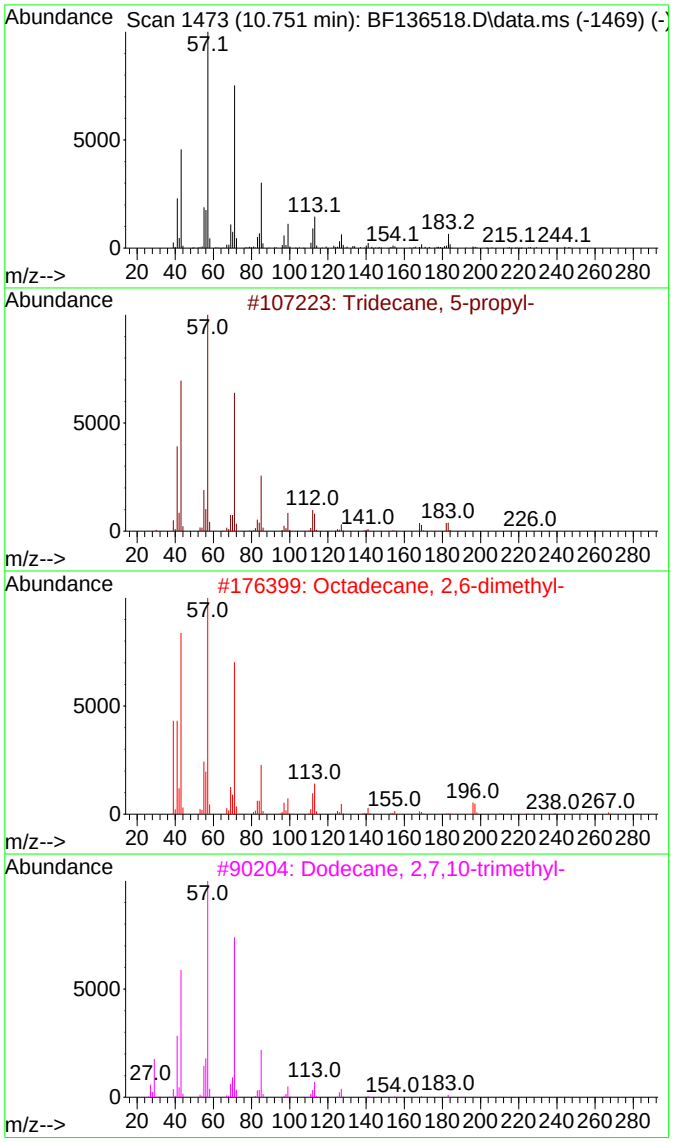
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

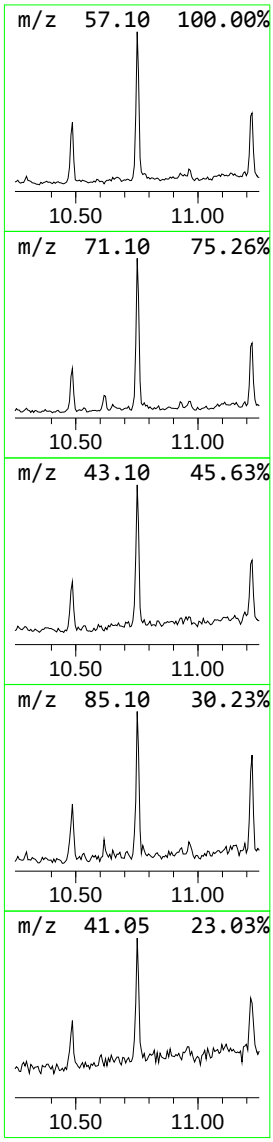
****

Peak Number 2 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.751	8.28 ng	278385	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	90
2	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	83
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80
5	Hexadecane	226	C16H34	000544-76-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136518.D
Acq On : 12 Dec 2023 16:18
Operator : CG\JU
Sample : 05740-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251686

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

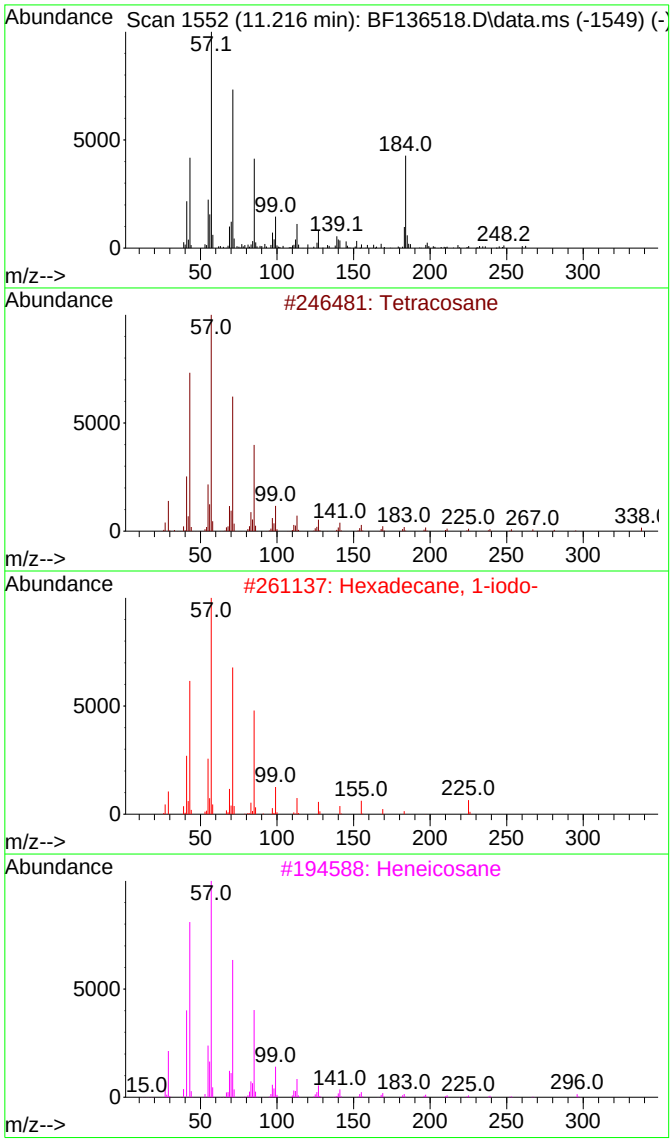
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

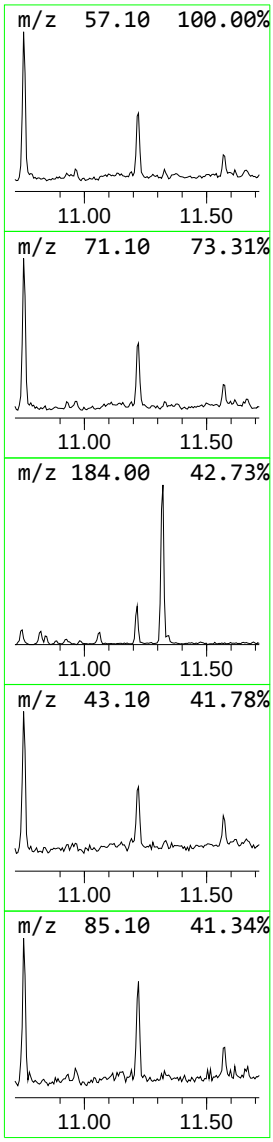
****

Peak Number 3 Tetracosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.216	4.88 ng	163939	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	68
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	64
3	Heneicosane	296	C21H44	000629-94-7	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136518.D
Acq On : 12 Dec 2023 16:18
Operator : CG\JU
Sample : 05740-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251686

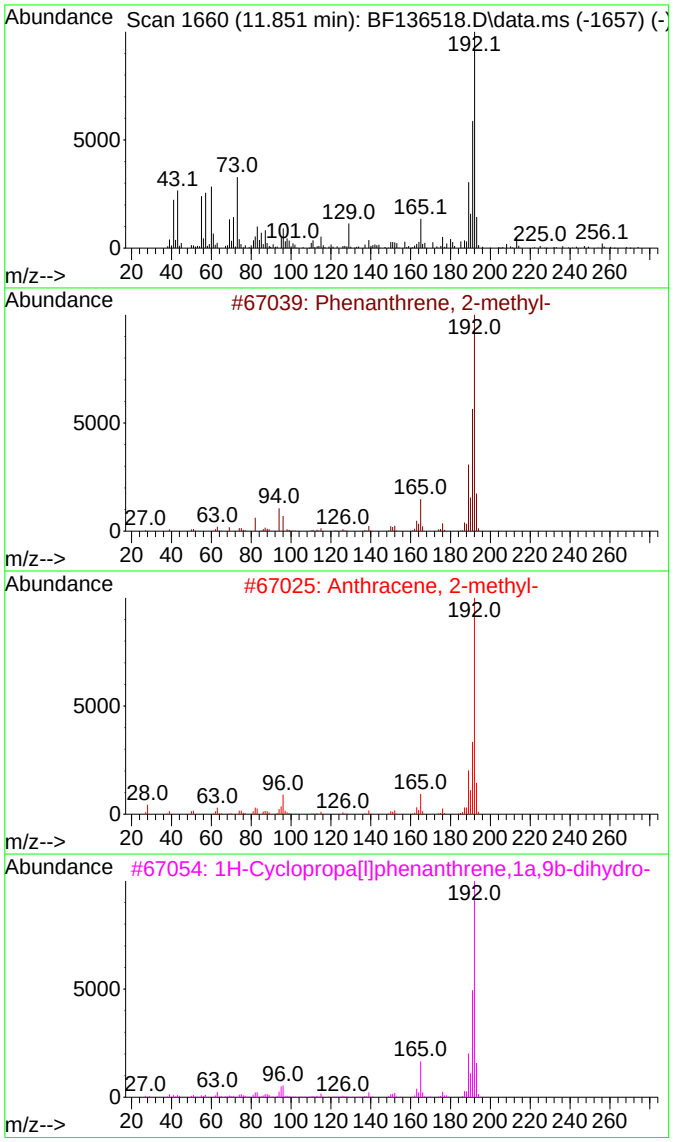
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

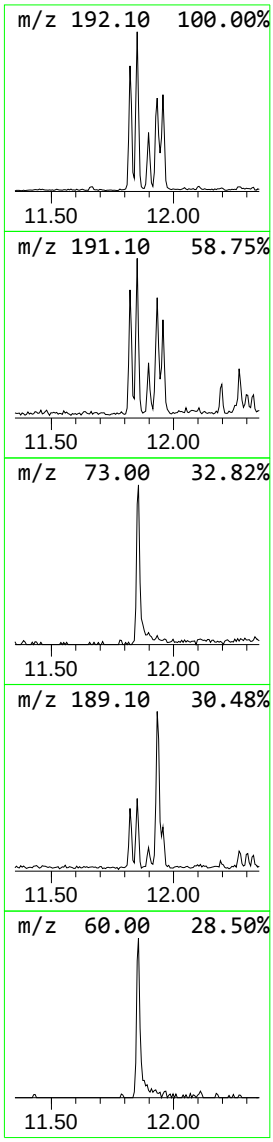
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.851	6.29 ng	211232	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136518.D
Acq On : 12 Dec 2023 16:18
Operator : CG\JU
Sample : 05740-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251686

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

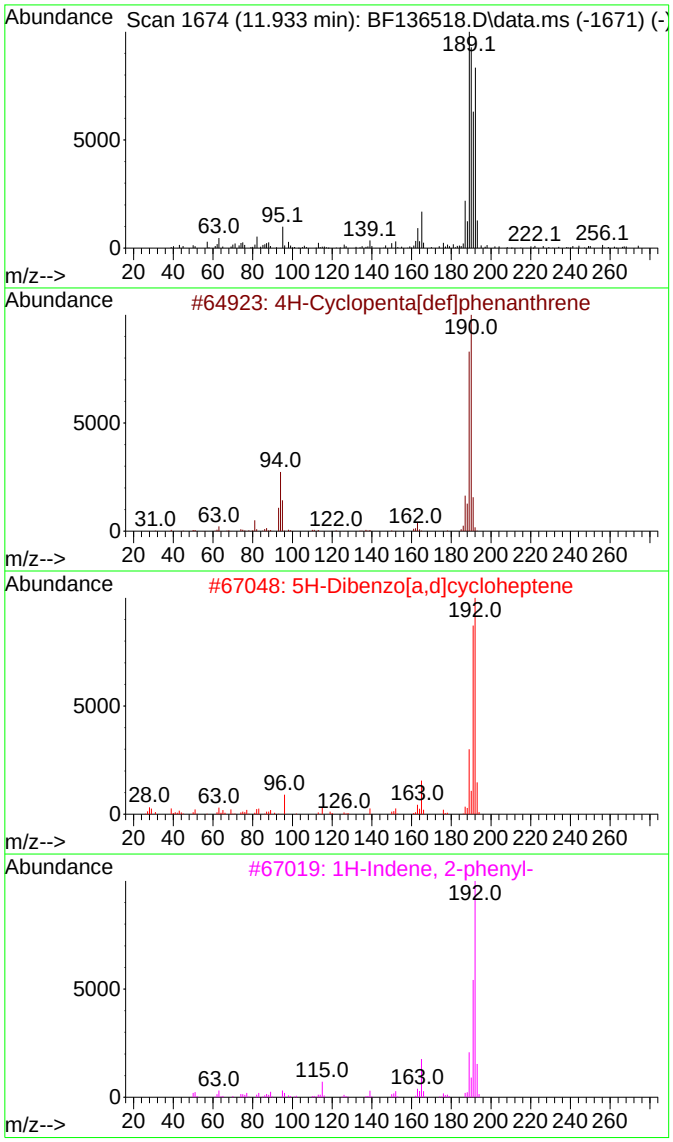
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

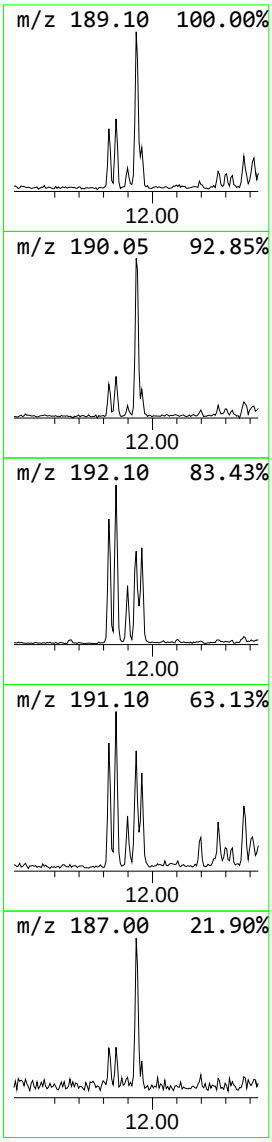
****

Peak Number 5 unknown11.933 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	3.52 ng	118150	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	41
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136518.D
Acq On : 12 Dec 2023 16:18
Operator : CG\JU
Sample : 05740-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251686

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

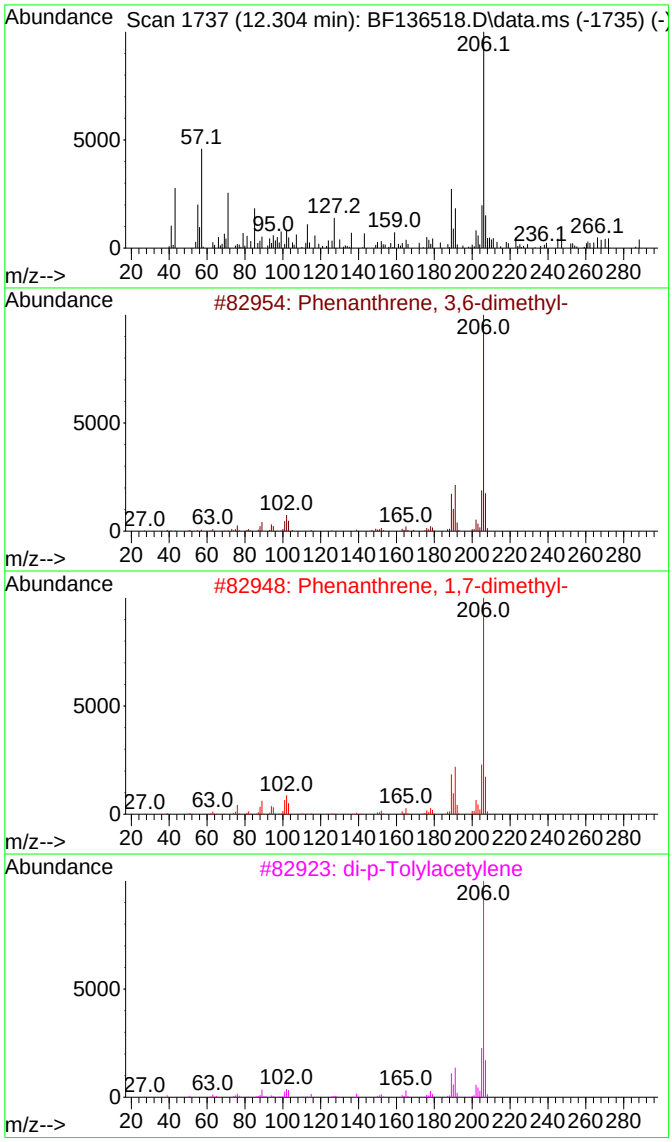
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

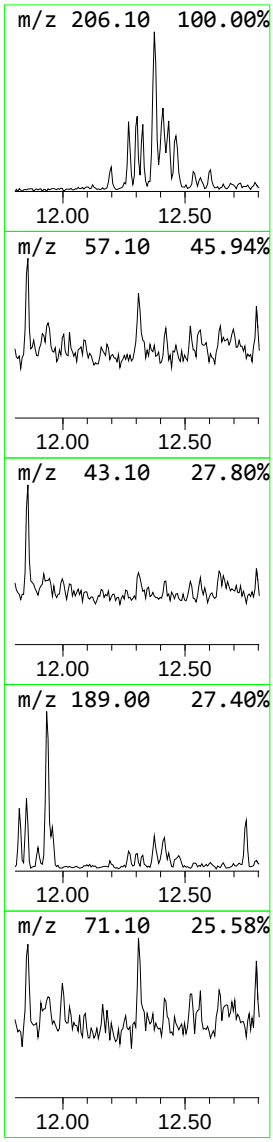
****

Peak Number 6 Phenanthrene, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.304	2.25 ng	75481	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	86
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	62
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	62
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	59
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58





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Acq On : 12 Dec 2023 16:18
Operator : CG\JU
Sample : 05740-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RBR-251686

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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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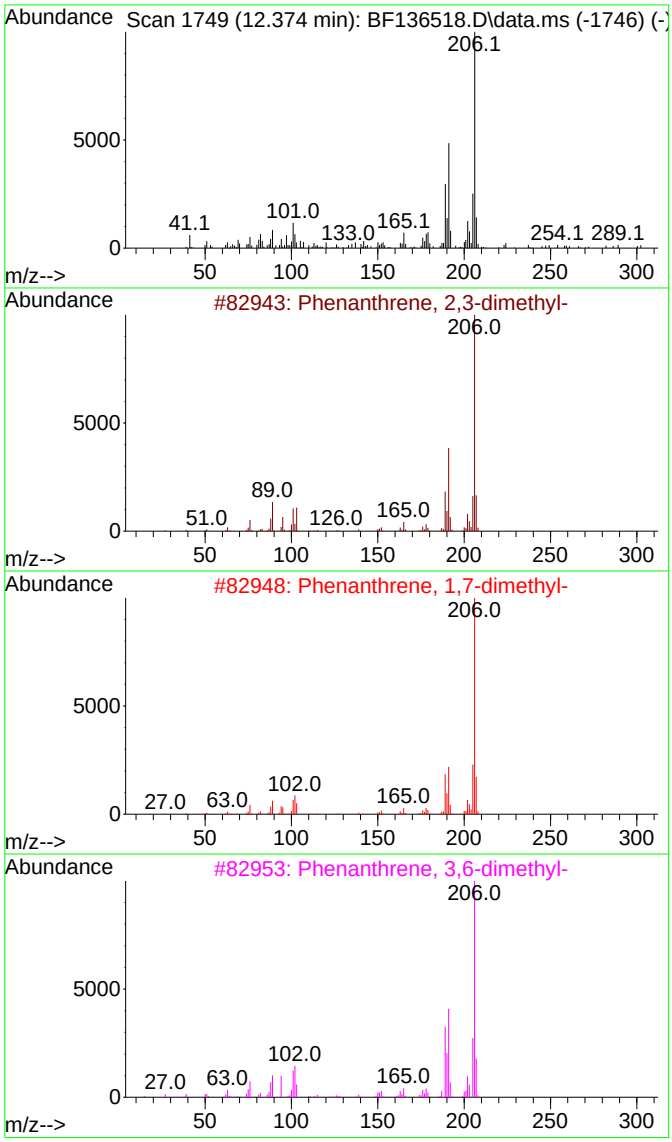
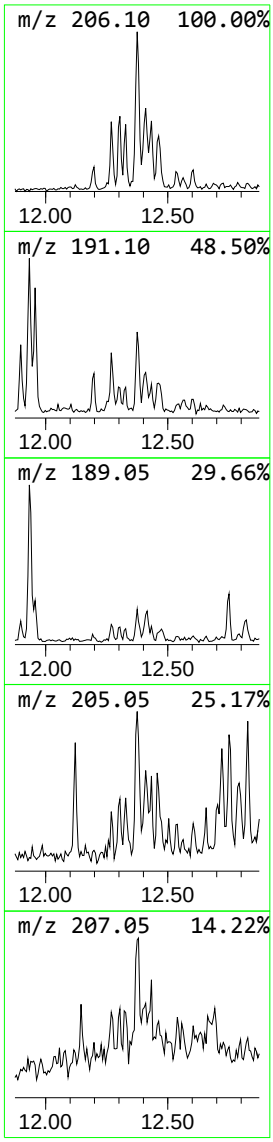
Peak Number 7 Phenanthrene, 2,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	2.27 ng	76260	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Data File : BF136518.D
Acq On : 12 Dec 2023 16:18
Operator : CG\JU
Sample : 05740-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251686

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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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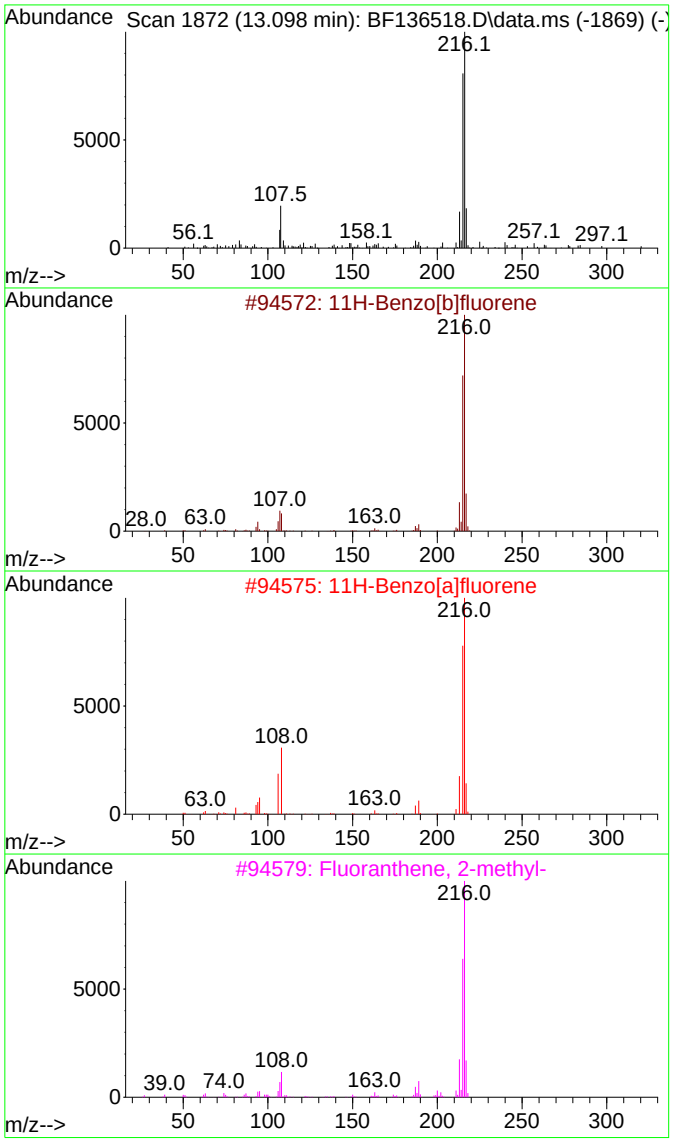
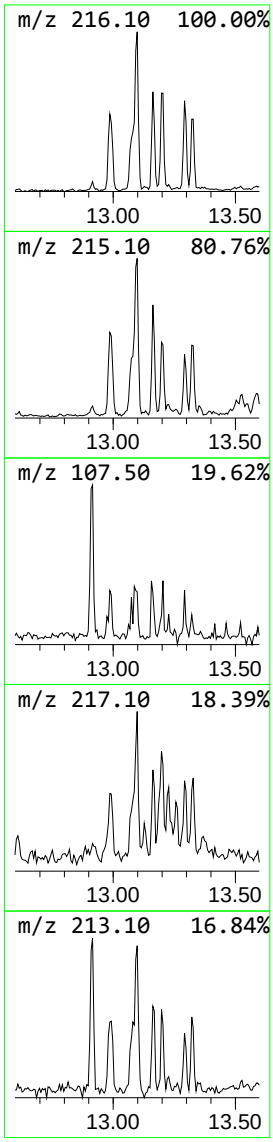
Peak Number 8 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.098	2.09 ng	89460	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
4	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136518.D
Acq On : 12 Dec 2023 16:18
Operator : CG\JU
Sample : 05740-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251686

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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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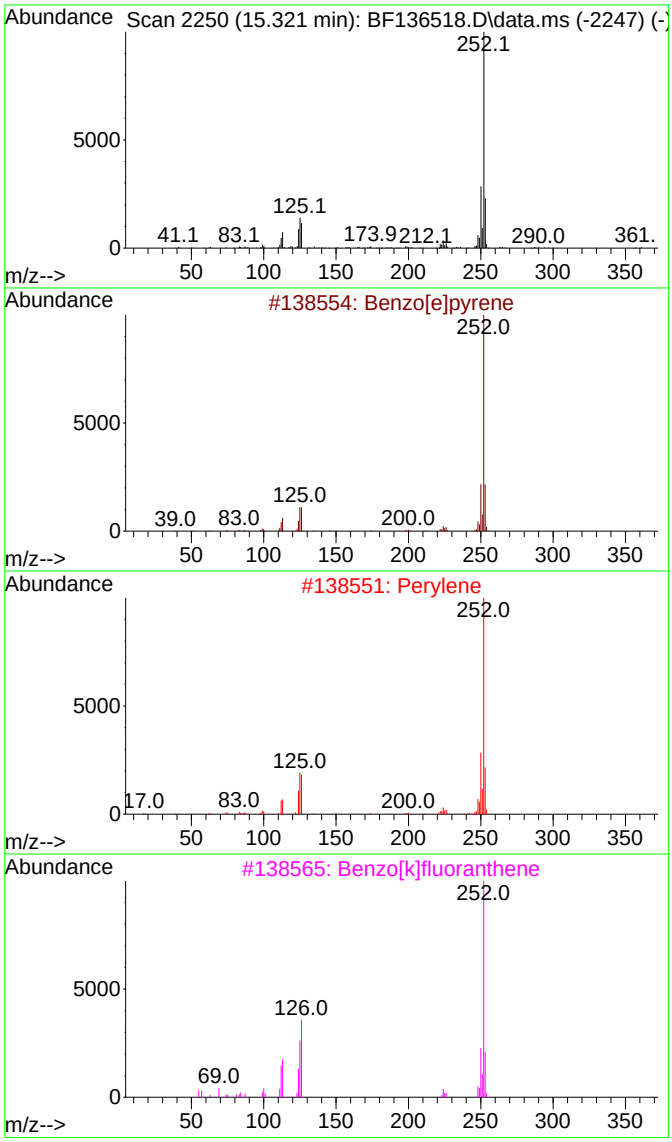
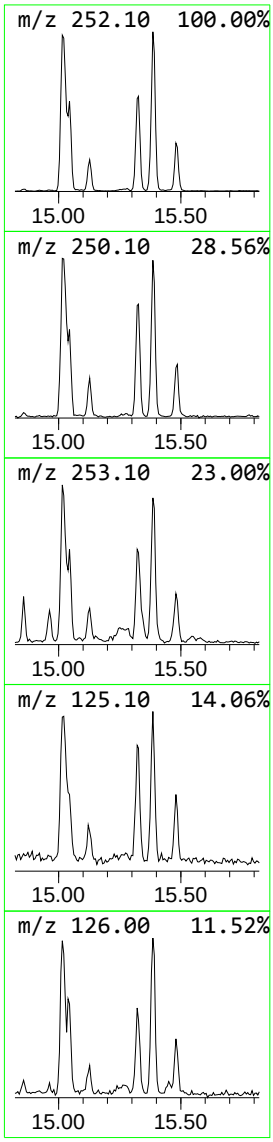
Peak Number 9 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	7.93 ng	251037	Perylene-d12	15.457

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136518.D
Acq On : 12 Dec 2023 16:18
Operator : CG\JU
Sample : 05740-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RBR-251686

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.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
Pentadecane, 2,...	10.486	3.3	ng	126655	3	9.827	765354	20.0
Tridecane, 5-pr...	10.751	8.3	ng	278385	4	11.322	672036	20.0
Tetracosane	11.216	4.9	ng	163939	4	11.322	672036	20.0
Phenanthrene, 2...	11.851	6.3	ng	211232	4	11.322	672036	20.0
unknown11.933	11.933	3.5	ng	118150	4	11.322	672036	20.0
Phenanthrene, 3...	12.304	2.3	ng	75481	4	11.322	672036	20.0
Phenanthrene, 2...	12.374	2.3	ng	76260	4	11.322	672036	20.0
11H-Benzo[b]flu...	13.098	2.1	ng	89460	5	13.974	856219	20.0
Benzo[e]pyrene	15.321	7.9	ng	251037	6	15.457	633060	20.0