LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134962.D
Acq On : 28 Aug 2023 11:44
Operator : CG\JU
Sample : 04110-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-TP-23(0-1)

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF134962.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.887	127	136	146	rVB2	15119	40101	1.61%	0.182%
2	5.010	493	497	503	rBV3	22138	34318	1.38%	0.156%
3	5.422	562	567	570	rBV	2017813	1927710	77.25%	8.736%
4	6.045	667	673	679	rVB6	22159	33727	1.35%	0.153%
5	6.428	733	738	741	rBV	2184021	1965330	78.76%	8.907%
6	6.616	767	770	774	rBV3	43657	58287	2.34%	0.264%
7	6.786	796	799	806	rVB	653359	604000	24.21%	2.737%
8	7.181	861	866	871	rBV6	19894	33523	1.34%	0.152%
9	7.351	890	895	898	rBV	1533059	1347154	53.99%	6.105%
10	7.386	898	901	904	rVB	33729	32354	1.30%	0.147%
11	8.069	1011	1017	1019	rBV	936489	800008	32.06%	3.626%
12	8.086	1019	1020	1023	rVB	81127	63080	2.53%	0.286%
13	8.492	1085	1089	1093	rBV	76144	62995	2.52%	0.285%
14	8.663	1115	1118	1122	rVB	49977	36638	1.47%	0.166%
15	8.780	1136	1138	1141	rVB	115784	90062	3.61%	0.408%
16	8.880	1152	1155	1158	rBV	140435	108031	4.33%	0.490%
17	9.092	1188	1191	1196	rBV	46530	38381	1.54%	0.174%
18	9.145	1196	1200	1203	rBV	2953749	2495289	100.00%	11.308%
19	9.227	1212	1214	1218	rBV2	62980	62275	2.50%	0.282%
20	9.345	1230	1234	1238	rBV2	19755	28210	1.13%	0.128%
21	9.416	1241	1246	1249	rVB2	50021	68836	2.76%	0.312%
22	9.480	1255	1257	1260	rBV	107412	108390	4.34%	0.491%
23	9.510	1260	1262	1264	rVV	107082	78886	3.16%	0.357%
24	9.551	1267	1269	1271	rVV2	75689	57348	2.30%	0.260%
25	9.598	1275	1277	1283	rVV	61400	83351	3.34%	0.378%
26	9.686	1287	1292	1296	rVB2	59413	58182	2.33%	0.264%
27	9.763	1302	1305	1309	rVB	62134	50447	2.02%	0.229%
28	9.827	1309	1316	1319	rBV	1033448	892696	35.78%	4.046%
29	9.857	1319	1321	1325	rVB3	40764	45654	1.83%	0.207%
30	9.933	1330	1334	1337	rBV	28372	32613	1.31%	0.148%
31	9.986	1337	1343	1346	rBV5	22027	41768	1.67%	0.189%
32	10.027	1346	1350	1354	rBV	95947	95101	3.81%	0.431%
33	10.069	1354	1357	1359	rBV	46286	42299	1.70%	0.192%
34	10.145	1367	1370	1372	rBV	57959	49355	1.98%	0.224%
35	10.174	1372	1375	1377	rVB	37075	29643	1.19%	0.134%
36	10.233	1382	1385	1387	rVV2	82240	80768	3.24%	0.366%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134962.D
Acq On : 28 Aug 2023 11:44
Operator : CG\JU
Sample : 04110-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-TP-23(0-1)

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.263	1387	1390	1393	rVB2	68599	71952	2.88%	0.326%
38	10.327	1393	1401	1405	rBV6	18387	41173	1.65%	0.187%
39	10.369	1405	1408	1411	rBV2	136373	110037	4.41%	0.499%
40	10.486	1425	1428	1432	rVB3	45913	43956	1.76%	0.199%
41	10.533	1432	1436	1440	rVB2	66161	72084	2.89%	0.327%
42	10.616	1446	1450	1454	rBV	1622128	1497416	60.01%	6.786%
43	10.663	1455	1458	1462	rVB2	36148	48330	1.94%	0.219%
44	10.751	1468	1473	1477	rBV2	171419	218306	8.75%	0.989%
45	11.057	1521	1525	1528	rBV	76865	94383	3.78%	0.428%
46	11.127	1534	1537	1540	rBV2	28944	30330	1.22%	0.137%
47	11.169	1540	1544	1545	rVV2	39003	42274	1.69%	0.192%
48	11.192	1545	1548	1550	rVV	81082	77607	3.11%	0.352%
49	11.216	1550	1552	1559	rVB3	44509	52009	2.08%	0.236%
50	11.321	1566	1570	1572	rBV	914861	838672	33.61%	3.801%
51	11.345	1572	1574	1576	rVV	245109	196588	7.88%	0.891%
52	11.392	1580	1582	1586	rVB	50245	43998	1.76%	0.199%
53	11.498	1595	1600	1605	rVB5	28578	35522	1.42%	0.161%
54	11.621	1618	1621	1624	rVB	68123	56849	2.28%	0.258%
55	11.821	1651	1655	1657	rBV2	139892	146798	5.88%	0.665%
56	11.857	1657	1661	1666	rVV	487142	530291	21.25%	2.403%
57	11.933	1670	1674	1676	rVV	107996	109130	4.37%	0.495%
58	11.957	1676	1678	1683	rVB	80839	71885	2.88%	0.326%
59	12.027	1687	1690	1693	rVB	81088	66488	2.66%	0.301%
60	12.121	1703	1706	1708	rBV	49914	45197	1.81%	0.205%
61	12.145	1708	1710	1717	rVB4	24326	31044	1.24%	0.141%
62	12.304	1734	1737	1739	rBV	32533	28247	1.13%	0.128%
63	12.374	1746	1749	1752	rBV	89064	85622	3.43%	0.388%
64	12.421	1752	1757	1761	rVB2	83254	127565	5.11%	0.578%
65	12.463	1761	1764	1769	rVB3	46552	58485	2.34%	0.265%
66	12.539	1773	1777	1780	rBV	309180	282991	11.34%	1.282%
67	12.645	1791	1795	1802	rBV4	116925	164964	6.61%	0.748%
68	12.768	1810	1816	1818	rBV2	219086	208926	8.37%	0.947%
69	12.792	1818	1820	1823	rVB	65502	52875	2.12%	0.240%
70	12.821	1823	1825	1830	rVB3	42468	54012	2.16%	0.245%
71	12.886	1833	1836	1837	rBV2	38517	31375	1.26%	0.142%
72	12.915	1837	1841	1845	rVB	2334466	1984945	79.55%	8.995%
73	12.992	1850	1854	1856	rBV2	26076	37145	1.49%	0.168%
74	13.098	1870	1872	1875	rVB	45941	43623	1.75%	0.198%
75	13.157	1879	1882	1886	rVB2	59504	78883	3.16%	0.357%
76	13.198	1886	1889	1893	rBV3	51657	58207	2.33%	0.264%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134962.D
Acq On : 28 Aug 2023 11:44
Operator : CG\JU
Sample : 04110-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-TP-23(0-1)

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-BF082223.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	13.327	1909	1911	1915	rBV3	33201	30132	1.21%	0.137%
78	13.498	1935	1940	1944	rBV4	71183	114968	4.61%	0.521%
79	13.610	1957	1959	1964	rVB	50160	58729	2.35%	0.266%
80	13.821	1992	1995	2001	rBV2	155182	213660	8.56%	0.968%
81	13.974	2016	2021	2024	rBV2	638693	652494	26.15%	2.957%
82	13.998	2024	2025	2028	rVB	113273	69175	2.77%	0.313%
83	14.151	2048	2051	2054	rVB	52086	50690	2.03%	0.230%
84	14.457	2100	2103	2106	rVB2	69002	56567	2.27%	0.256%
85	15.015	2194	2198	2201	rBV	149971	225068	9.02%	1.020%
86	15.321	2247	2250	2257	rVB2	99158	136817	5.48%	0.620%
87	15.380	2257	2260	2266	rVB	111145	142804	5.72%	0.647%
88	15.451	2267	2272	2276	rBV	516041	639861	25.64%	2.900%
89	16.939	2520	2525	2535	rVB2	60757	128072	5.13%	0.580%

Sum of corrected areas: 22066031

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Operator : CG\JU
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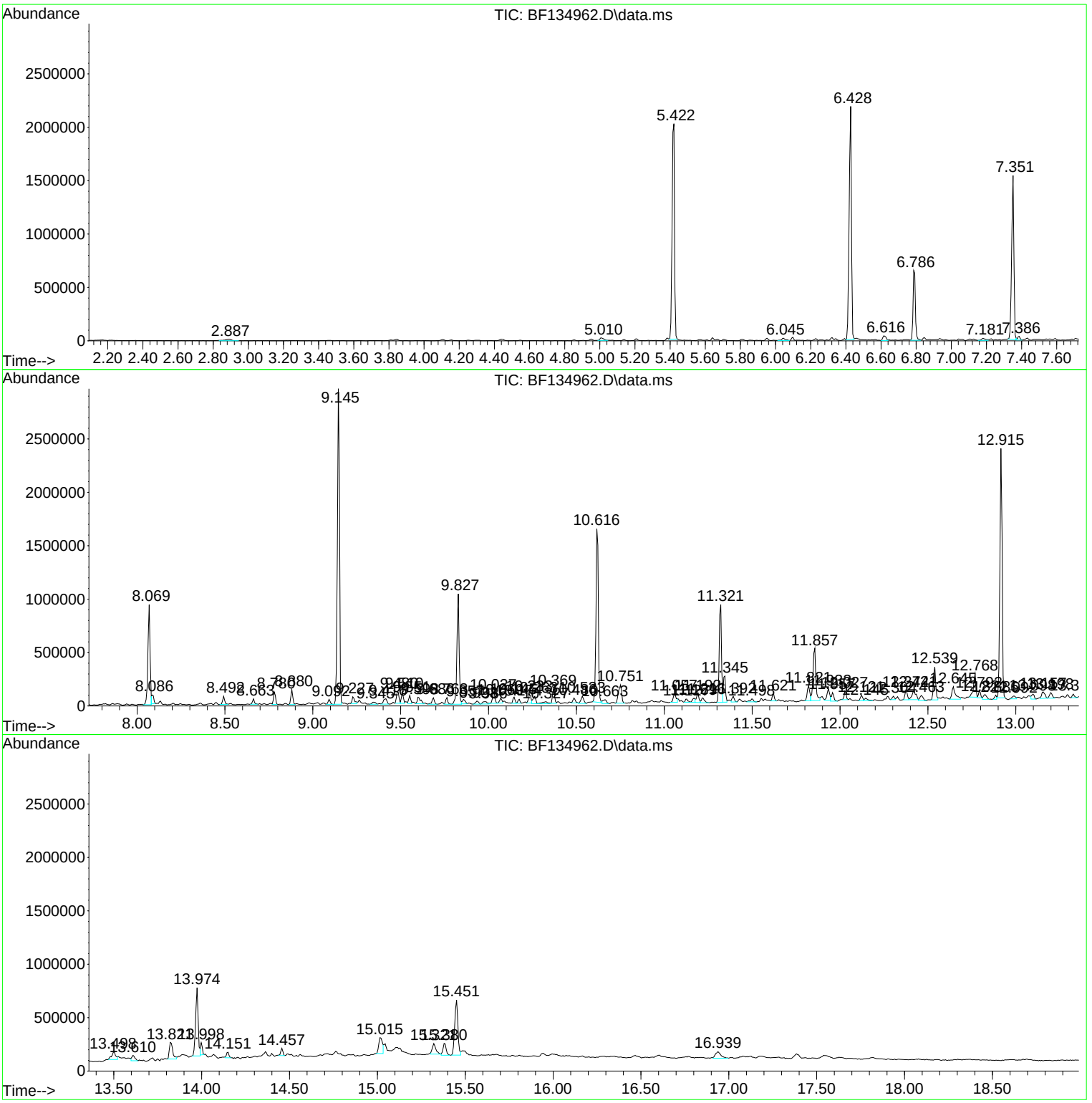
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-TP-23(0-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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\BF082823\
Data File : BF134962.D
Acq On : 28 Aug 2023 11:44
Operator : CG\JU
Sample : 04110-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-TP-23(0-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

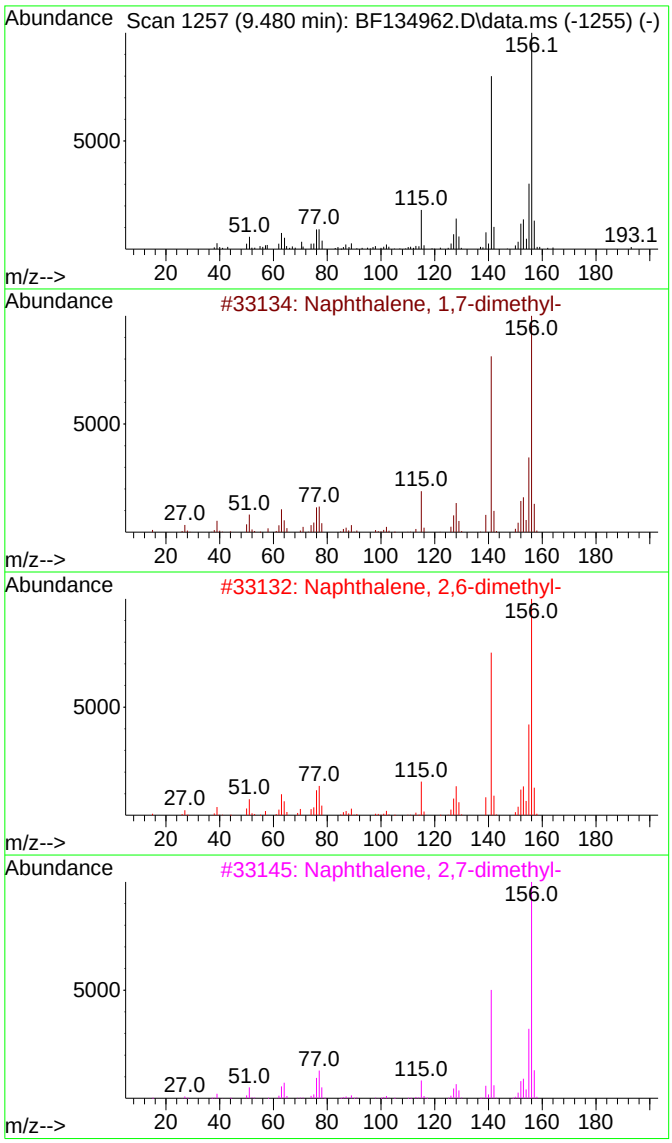
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

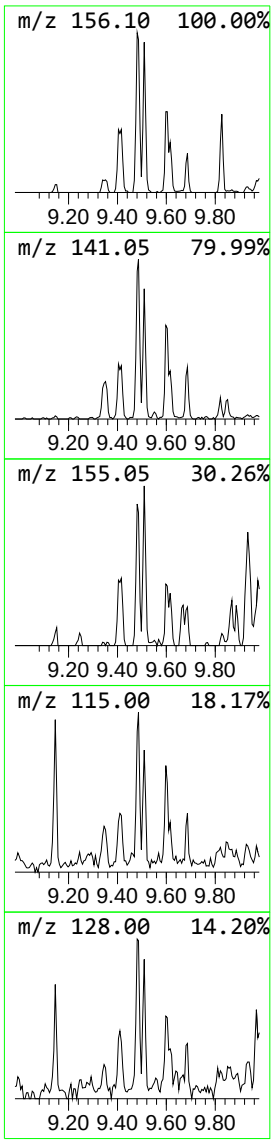
****

Peak Number 1 Naphthalene, 1,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.480	2.43 ng	108390	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134962.D
Acq On : 28 Aug 2023 11:44
Operator : CG\JU
Sample : 04110-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-TP-23(0-1)

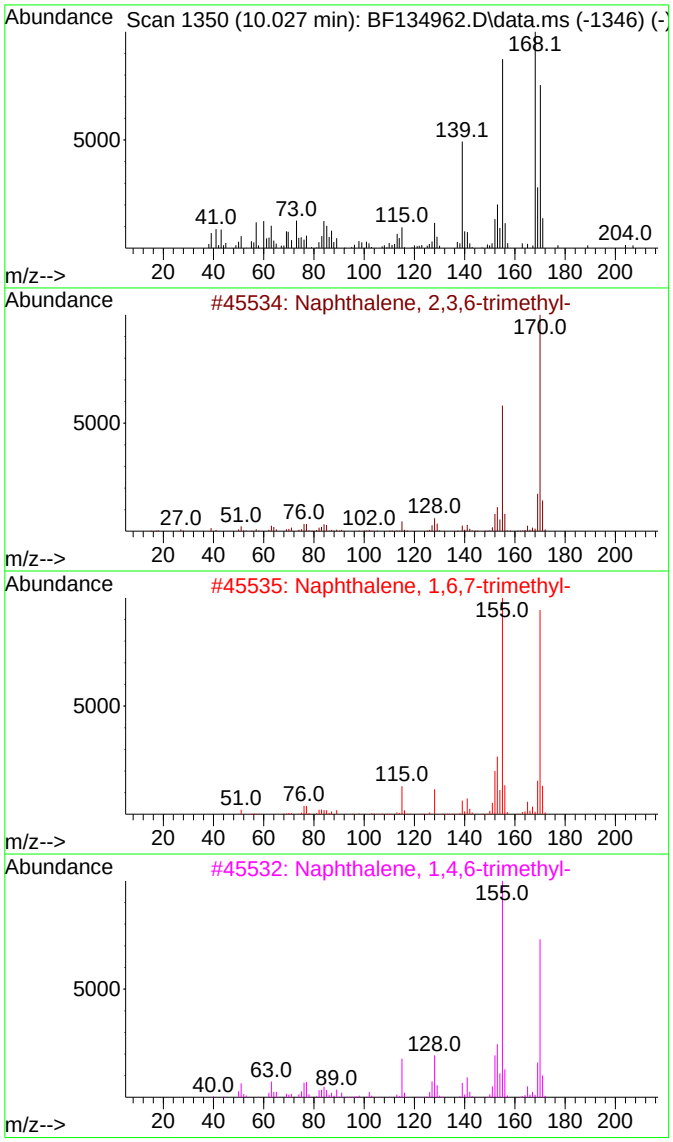
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

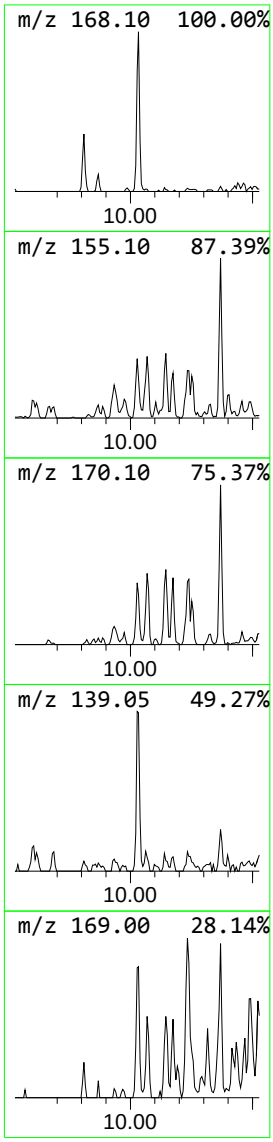
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.027	2.13 ng	95101	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	83
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	60
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134962.D
Acq On : 28 Aug 2023 11:44
Operator : CG\JU
Sample : 04110-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-TP-23(0-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

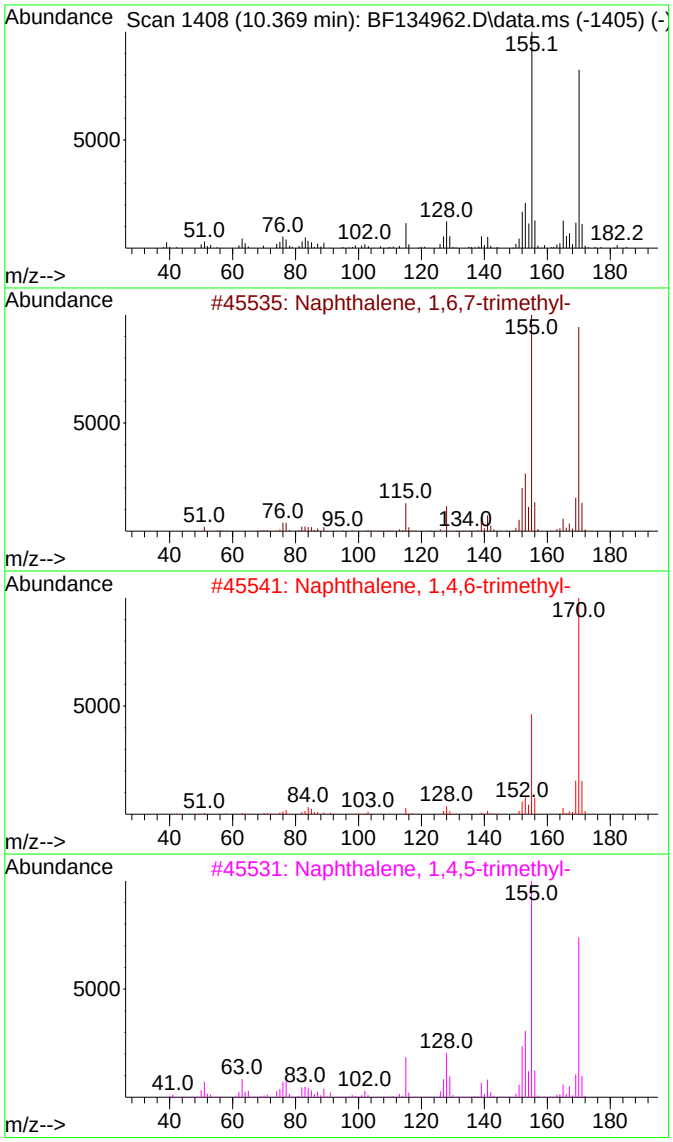
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

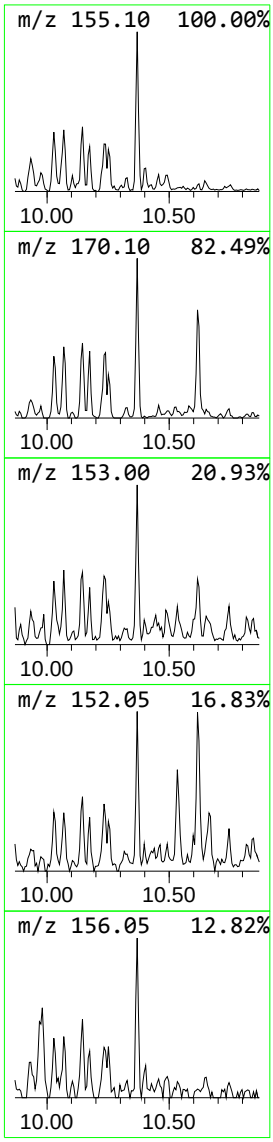
****

Peak Number 3 Naphthalene, 1,6,7-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.369	2.47 ng	110037	Acenaphthene-d10	9.827

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	97
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
5	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134962.D
Acq On : 28 Aug 2023 11:44
Operator : CG\JU
Sample : 04110-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-TP-23(0-1)

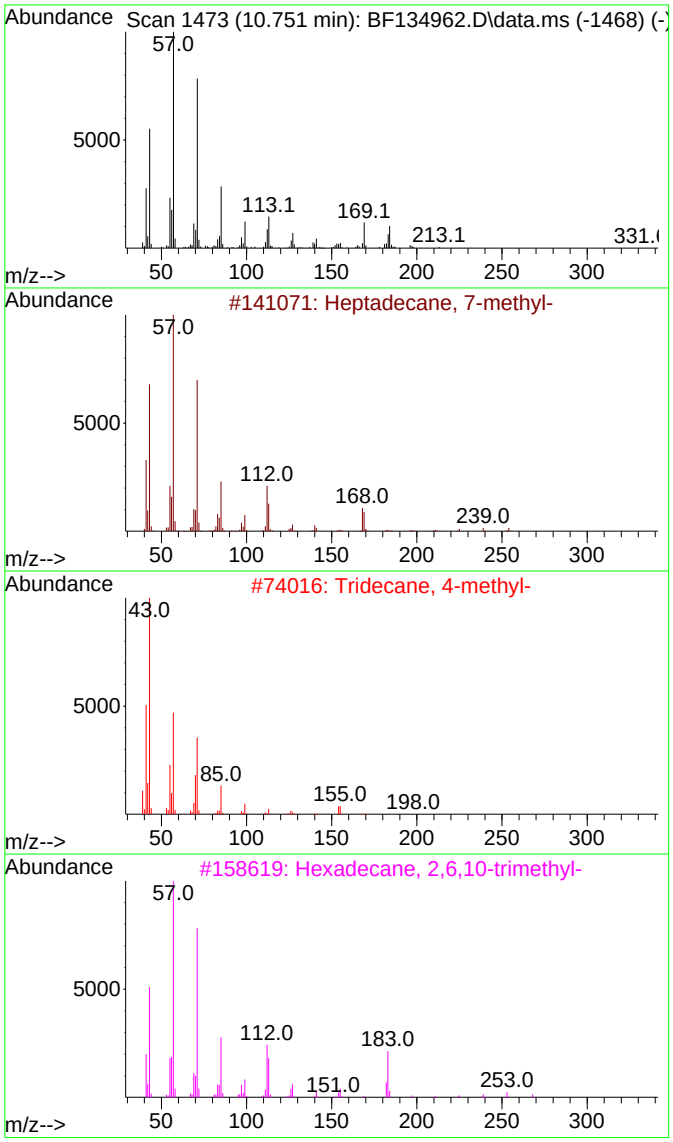
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

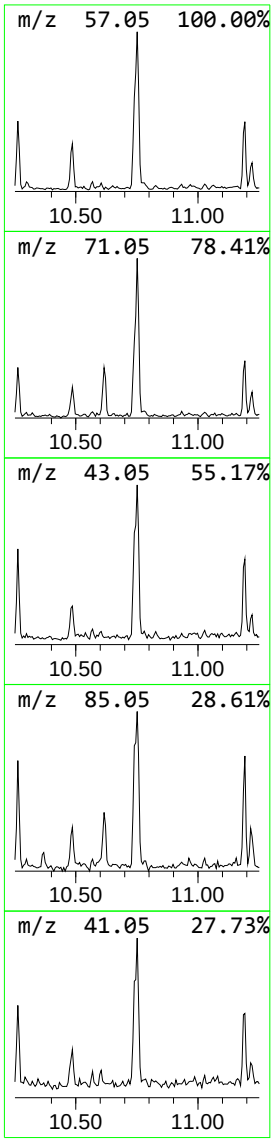
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptadecane, 7-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.751	5.21 ng	218306	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 7-methyl-	254	C18H38	020959-33-5	86
2	Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
3	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	80
4	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	72
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134962.D
Acq On : 28 Aug 2023 11:44
Operator : CG\JU
Sample : 04110-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-TP-23(0-1)

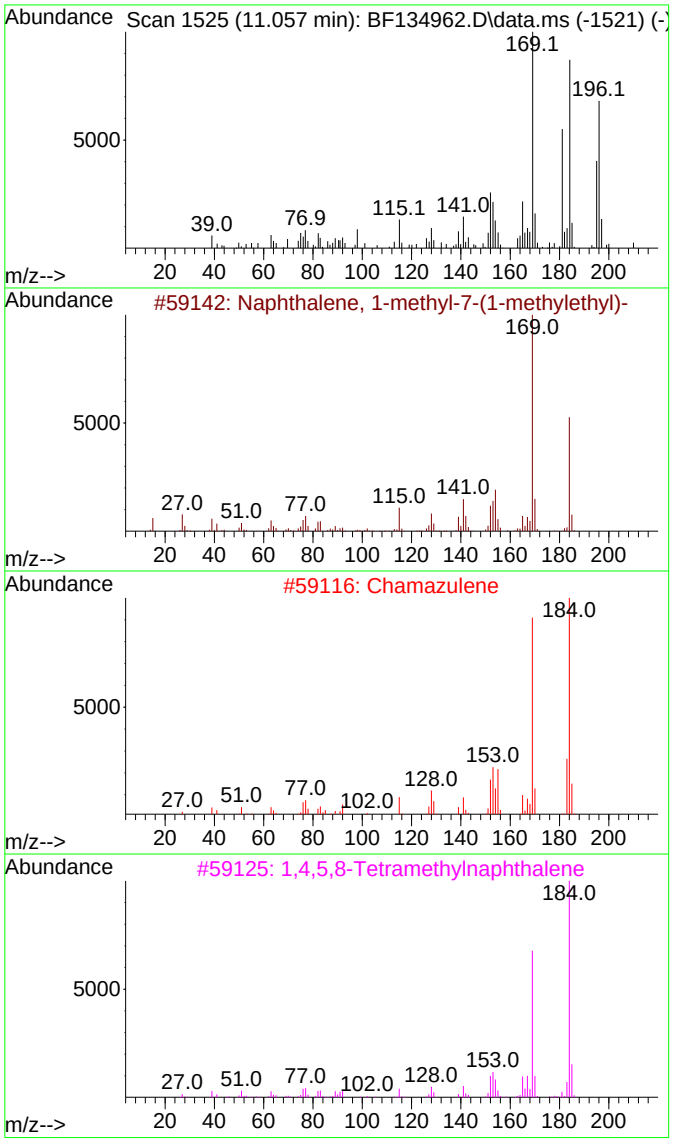
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

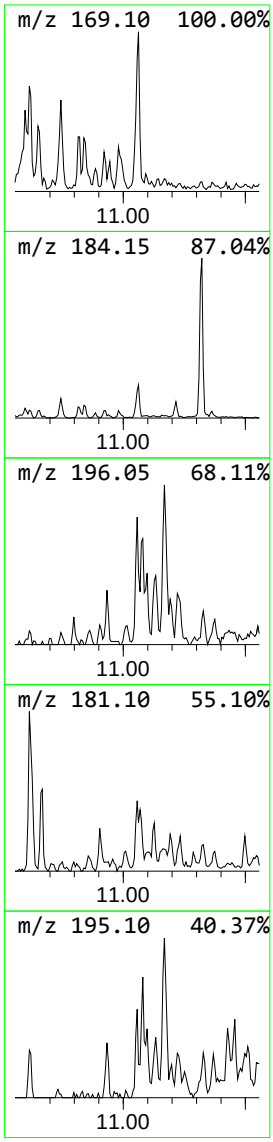
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1-methyl-7-(1-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.057	2.25 ng	94383	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	86
2	Chamazulene	184	C14H16	000529-05-5	70
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	64
4	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	55
5	1,6-Dimethyl-4-ethylnaphthalene ...	184	C14H16	1000383-71-7	55





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134962.D
Acq On : 28 Aug 2023 11:44
Operator : CG\JU
Sample : 04110-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-TP-23(0-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

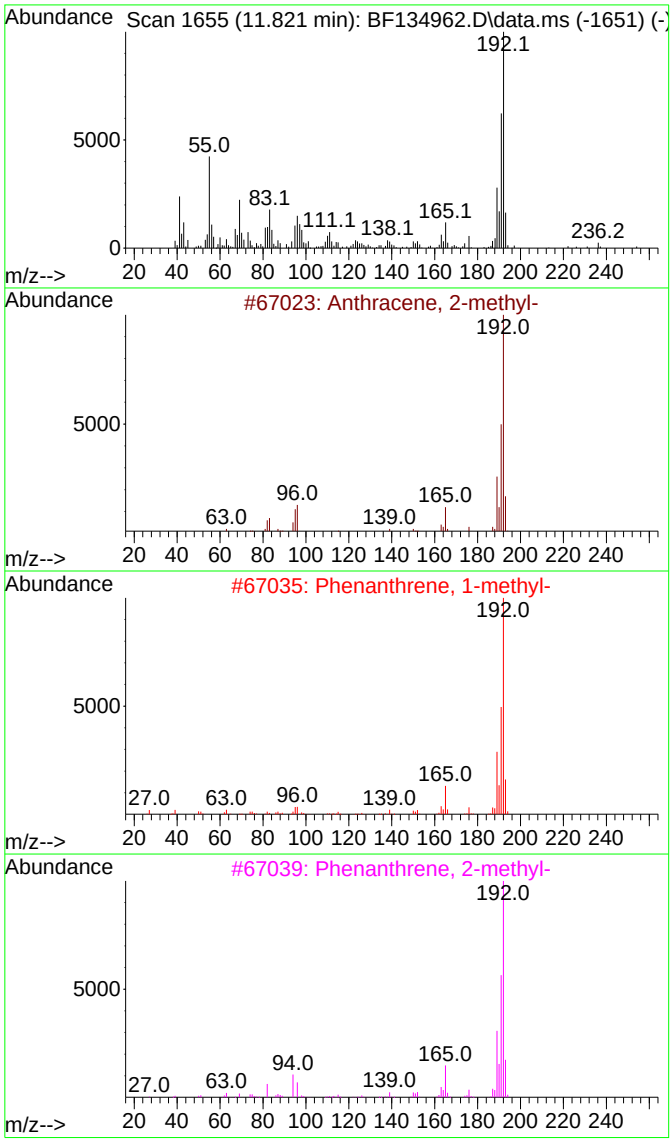
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

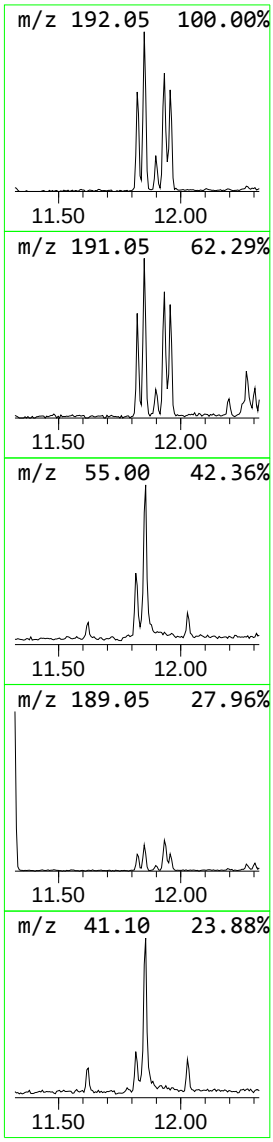
****

Peak Number 6 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.821	3.50 ng	146798	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Data File : BF134962.D
Acq On : 28 Aug 2023 11:44
Operator : CG\JU
Sample : 04110-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-TP-23(0-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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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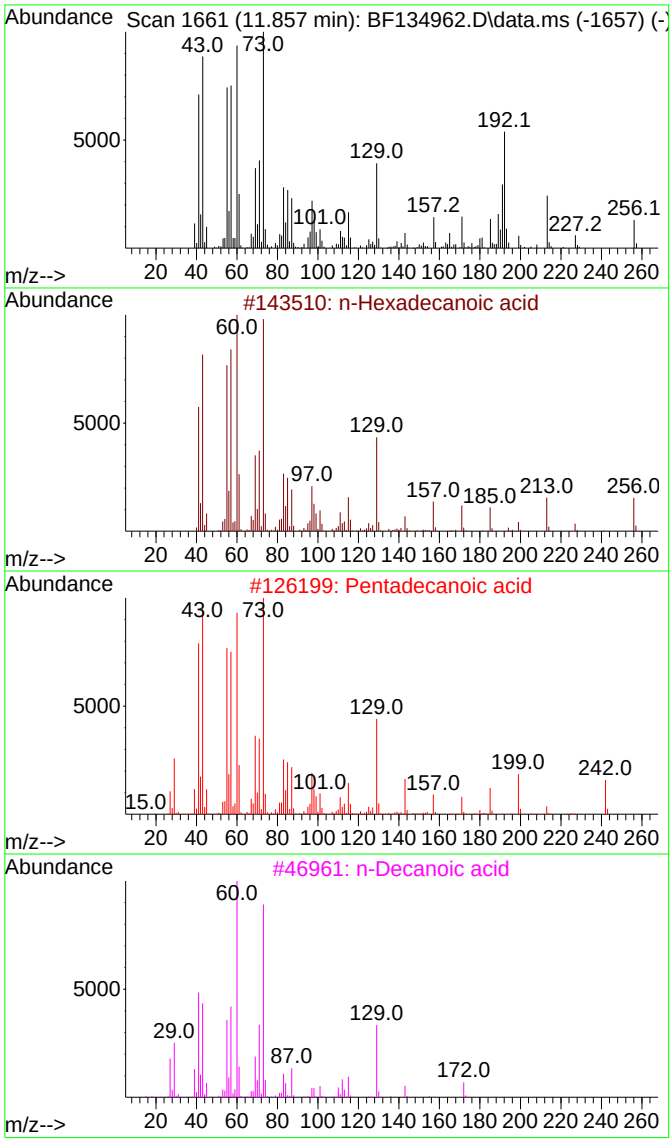
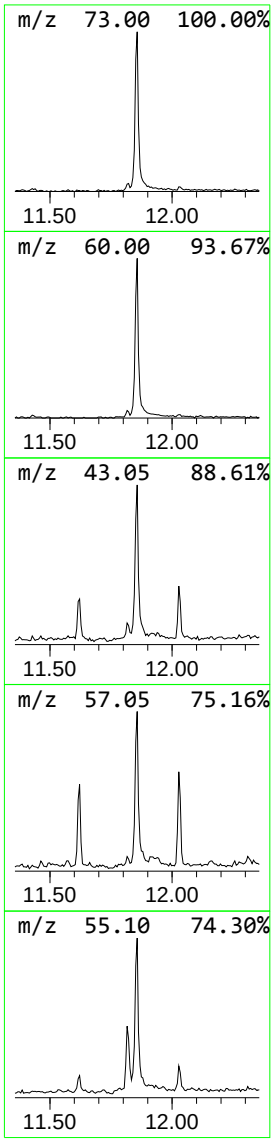
Peak Number 7 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.857	12.65 ng	530291	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	n-Decanoic acid	172	C10H20O2	000334-48-5	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	49





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ClientSampleId :
SS-TP-23(0-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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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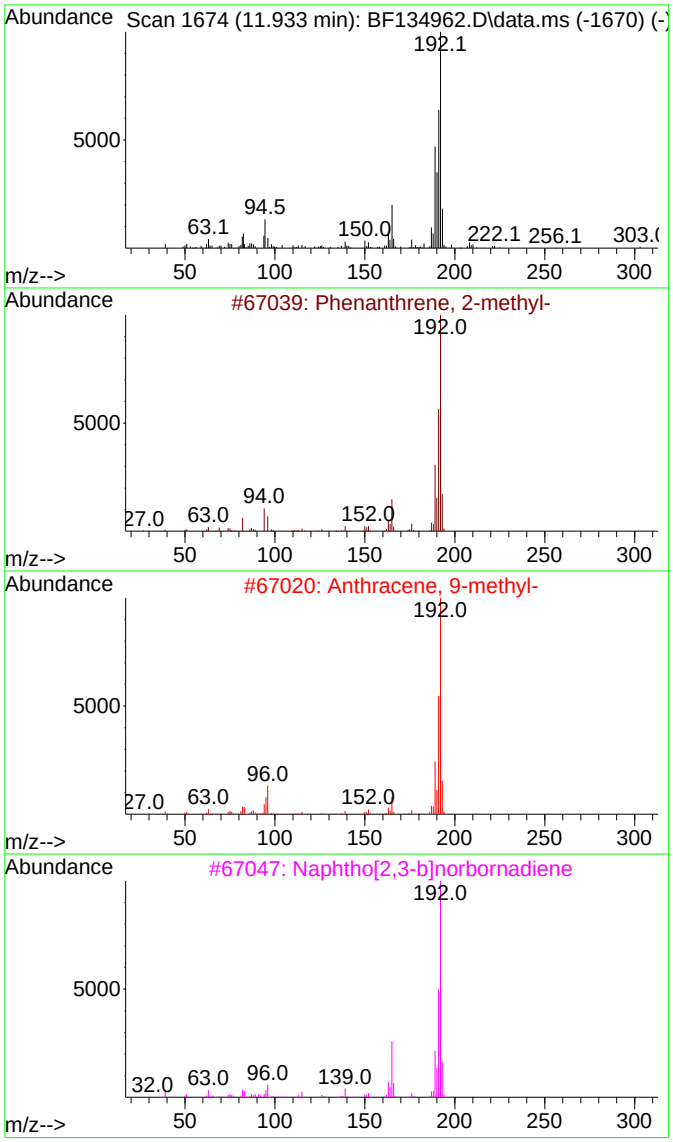
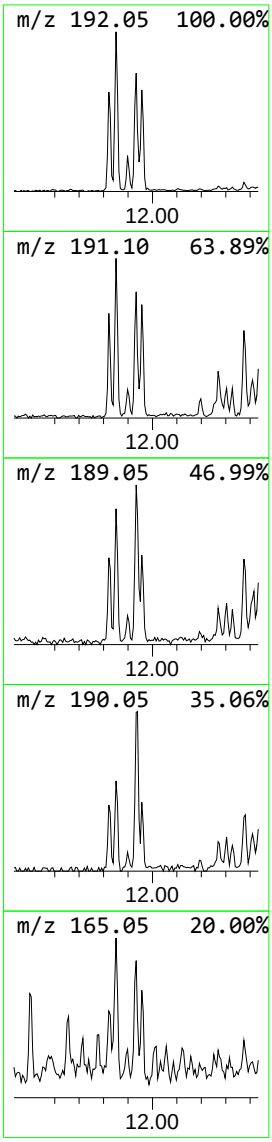
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.933	2.60 ng	109130	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64





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ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SS-TP-23(0-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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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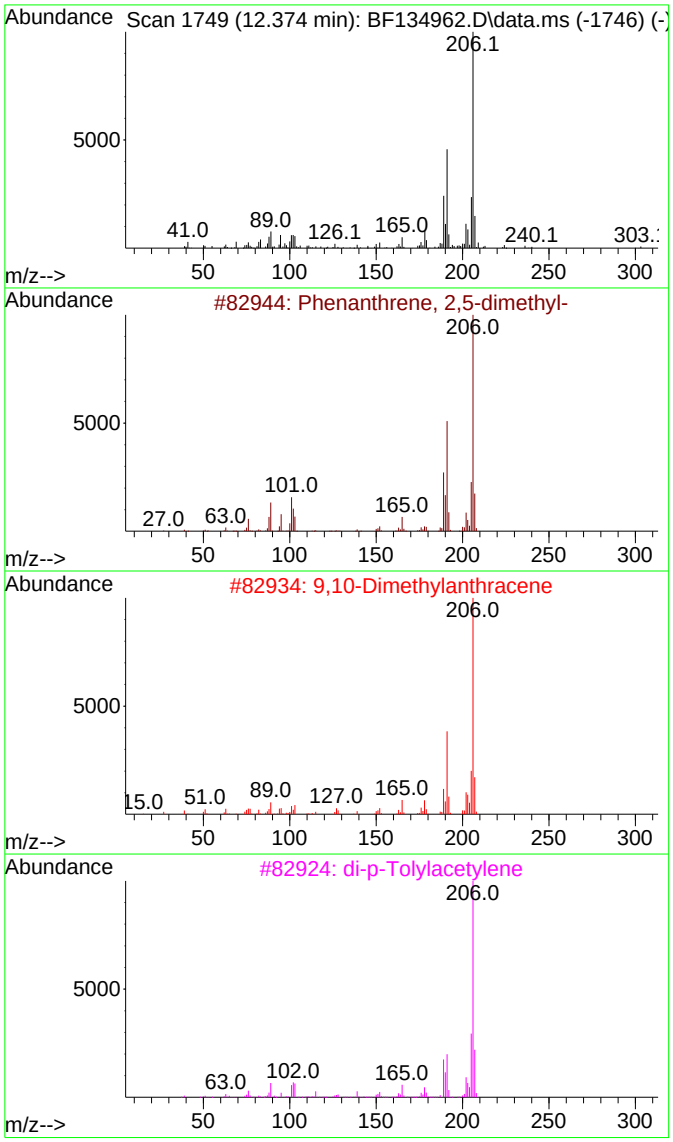
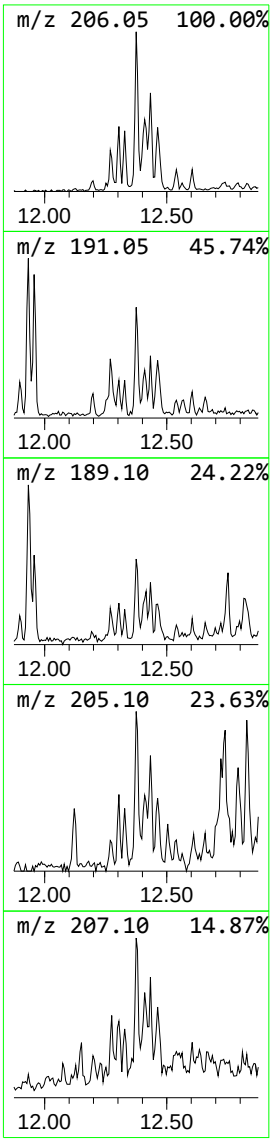
Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.374	2.04 ng	85622	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	76
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	74





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Operator : CG\JU
Sample : 04110-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SS-TP-23(0-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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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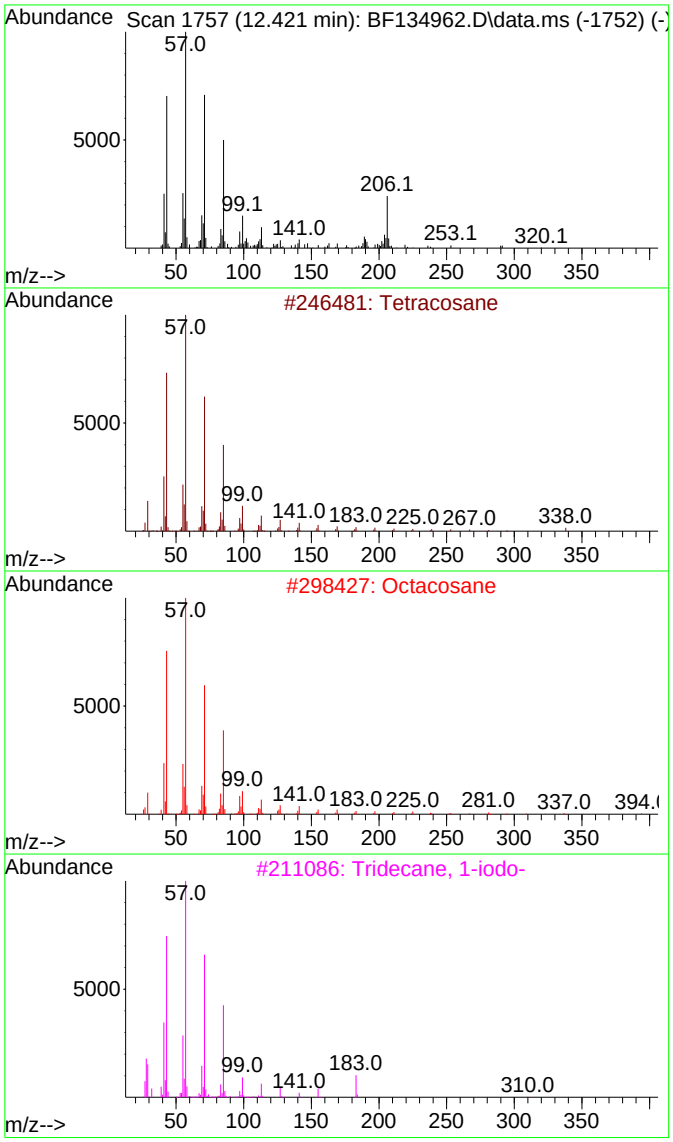
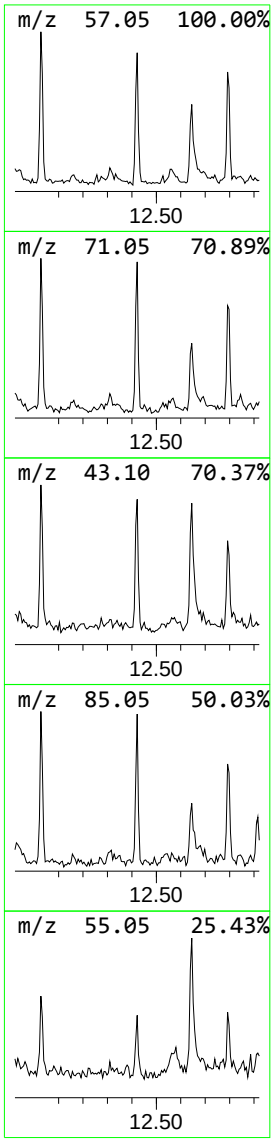
Peak Number 10 Tetracosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.421	3.04 ng	127565	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	68
2	Octacosane	394	C28H58	000630-02-4	68
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
4	Nonadecane	268	C19H40	000629-92-5	64
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	64





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Operator : CG\JU
Sample : 04110-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-TP-23(0-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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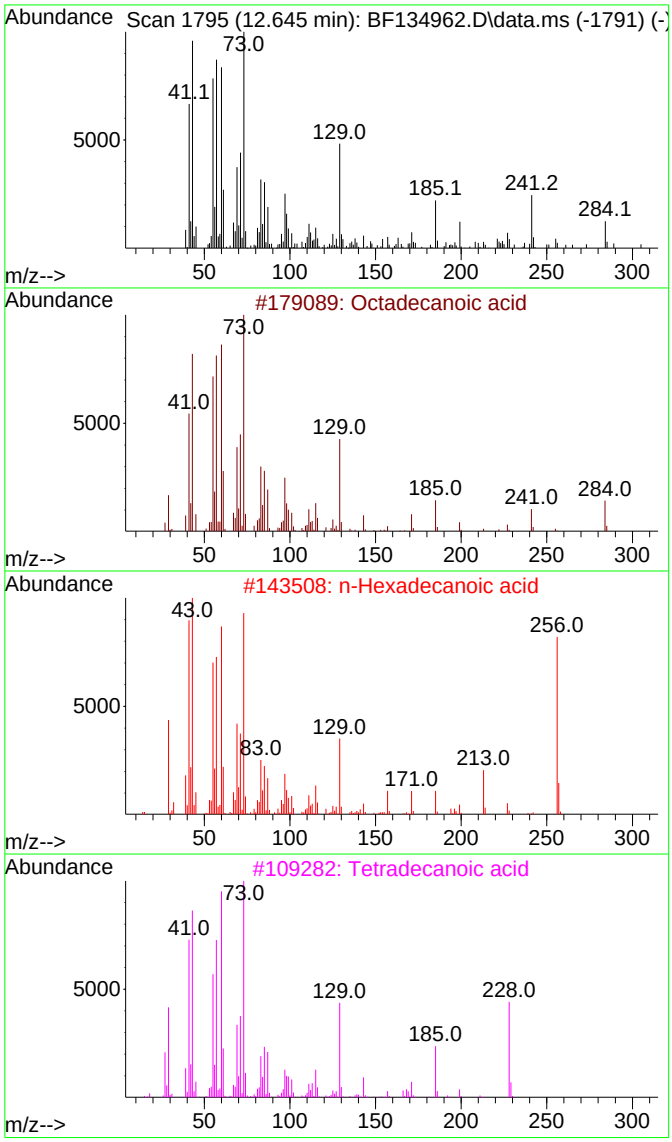
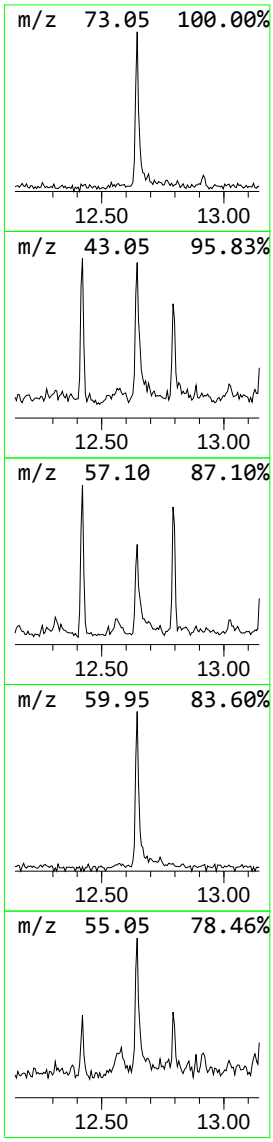
Peak Number 11 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.645	3.93 ng	164964	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Sample : 04110-16
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ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
SS-TP-23(0-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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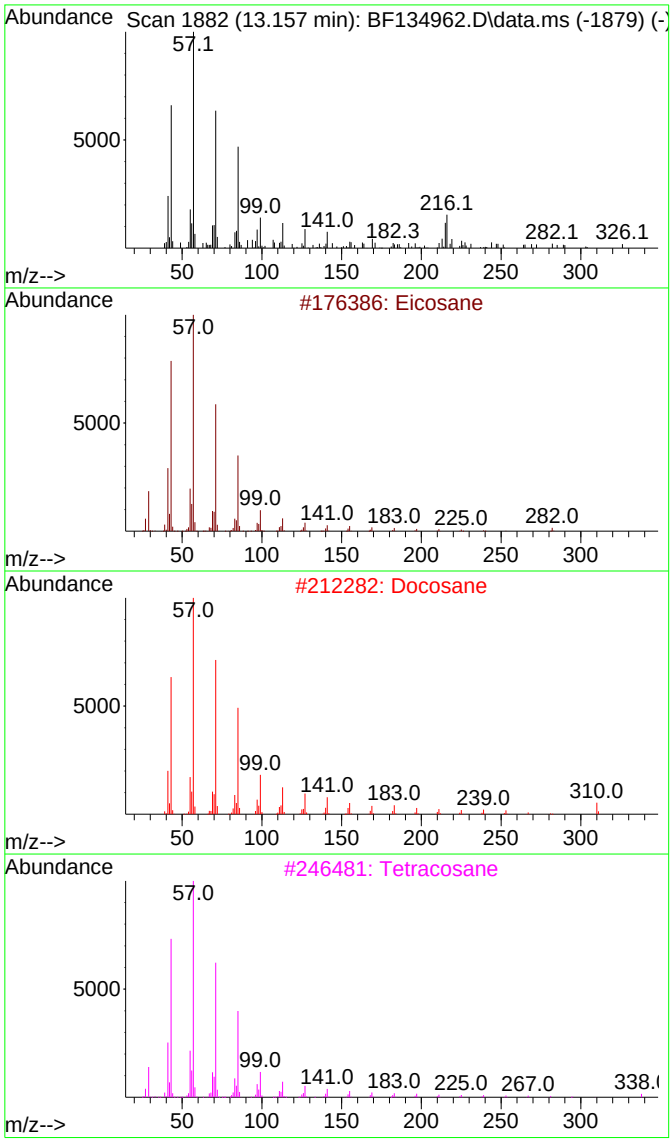
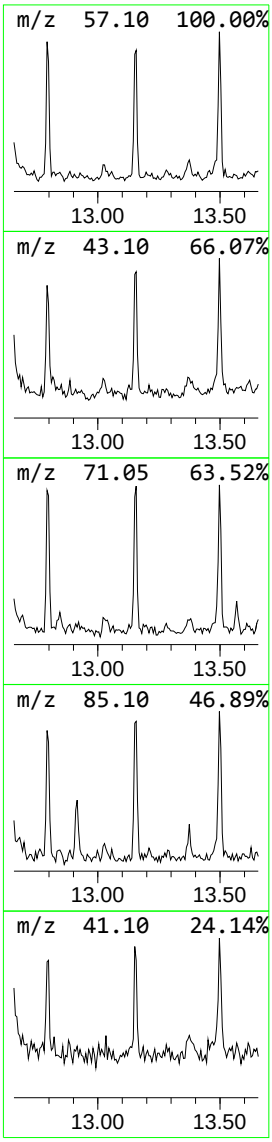
Peak Number 12 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.157	2.42 ng	78883	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	81
2	Docosane	310	C22H46	000629-97-0	74
3	Tetracosane	338	C24H50	000646-31-1	74
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	74
5	Heptacosane	380	C27H56	000593-49-7	72





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Sample : 04110-16
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SS-TP-23(0-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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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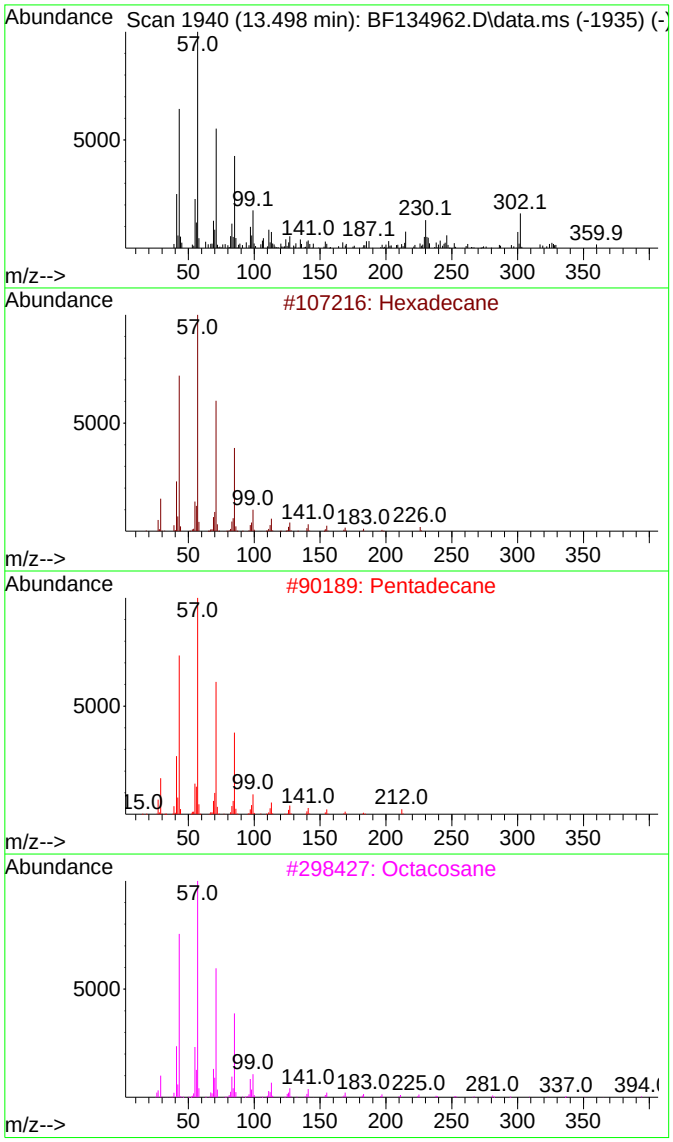
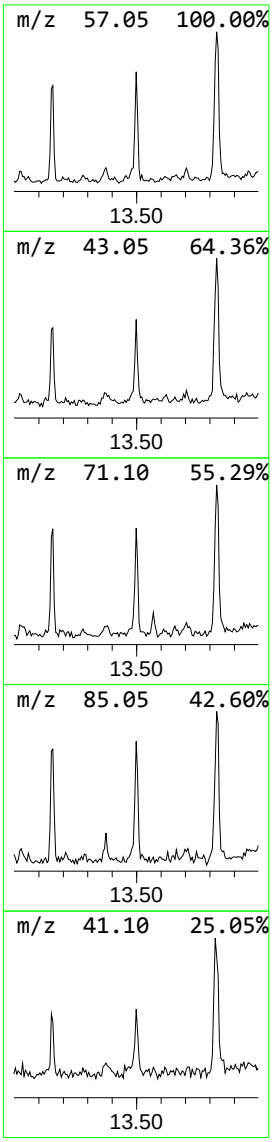
Peak Number 13 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.498	3.52 ng	114968	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Pentadecane	212	C15H32	000629-62-9	83
3	Octacosane	394	C28H58	000630-02-4	76
4	Tricosane	324	C23H48	000638-67-5	76
5	Tetratetracontane	619	C44H90	007098-22-8	68





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Operator : CG\JU
Sample : 04110-16
Misc :
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Instrument :
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ClientSampleId :
SS-TP-23(0-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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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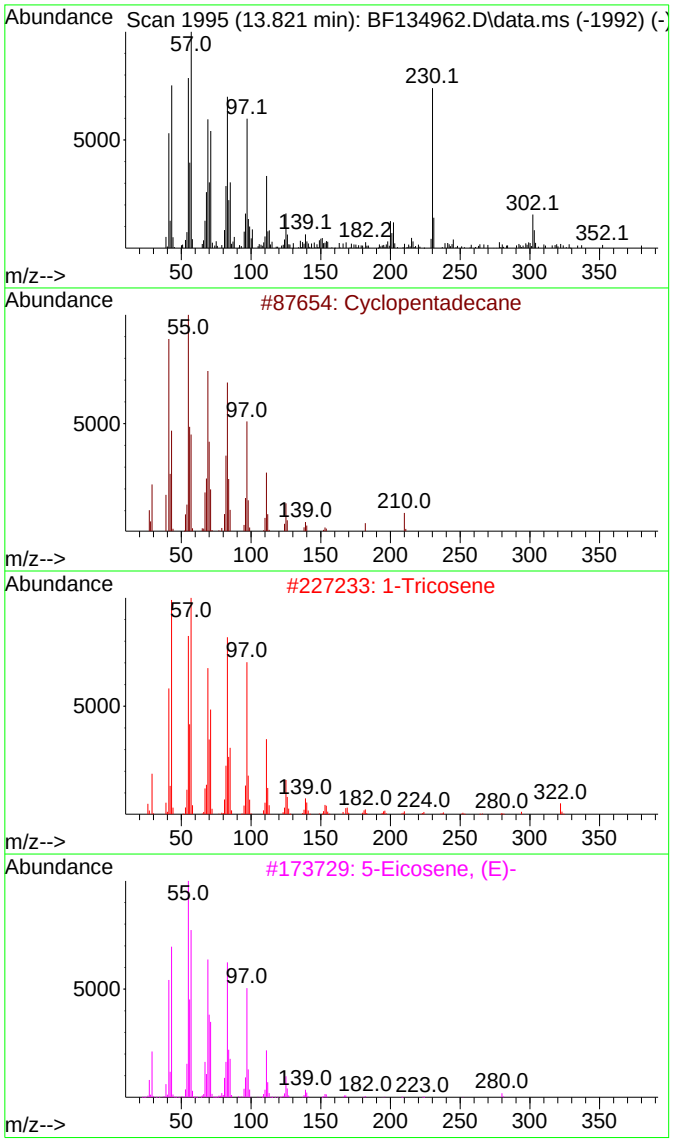
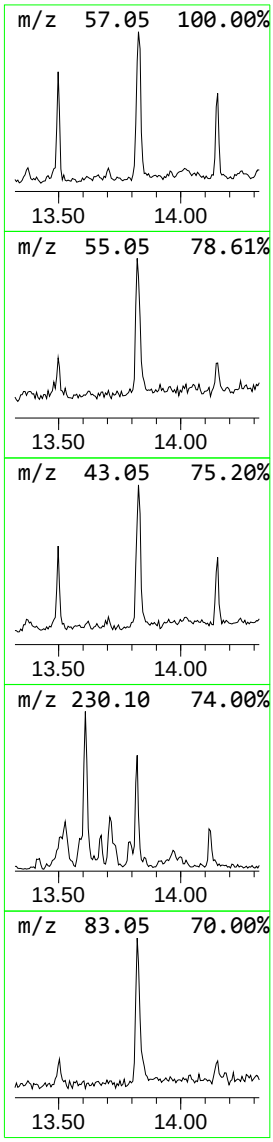
Peak Number 14 Cyclopentadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.821	6.55 ng	213660	Chrysene-d12	13.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	96
2	1-Tricosene	322	C23H46	018835-32-0	93
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	92
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	90
5	1-Heneicosanol	312	C21H44O	015594-90-8	90





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ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
SS-TP-23(0-1)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.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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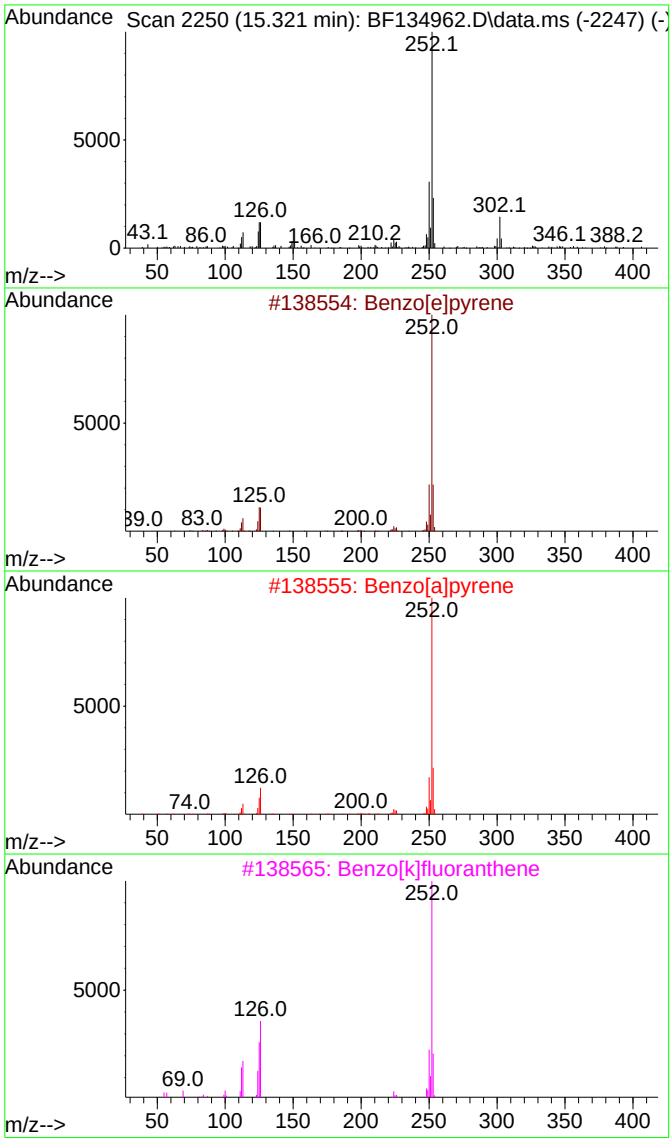
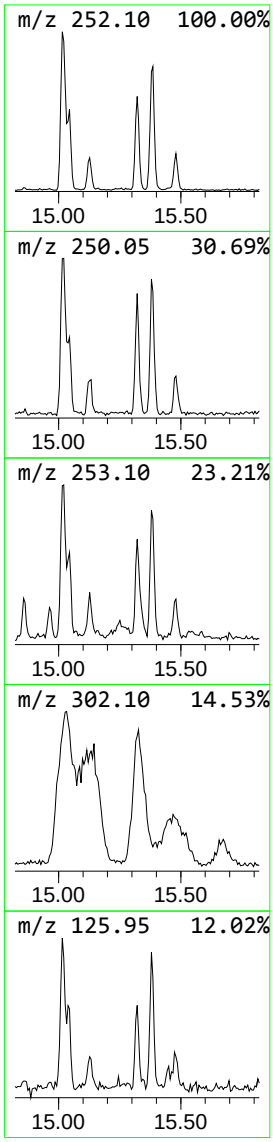
Peak Number 15 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.321	4.28 ng	136817	Perylene-d12	15.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Perylene	252	C20H12	000198-55-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082823\
Data File : BF134962.D
Acq On : 28 Aug 2023 11:44
Operator : CG\JU
Sample : 04110-16
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SS-TP-23(0-1)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1,...	9.480	2.4	ng	108390	3	9.827	892696	20.0
Naphthalene, 2,...	10.027	2.1	ng	95101	3	9.827	892696	20.0
Naphthalene, 1,...	10.369	2.5	ng	110037	3	9.827	892696	20.0
Heptadecane, 7-...	10.751	5.2	ng	218306	4	11.322	838672	20.0
Naphthalene, 1-...	11.057	2.3	ng	94383	4	11.322	838672	20.0
Anthracene, 2-m...	11.821	3.5	ng	146798	4	11.322	838672	20.0
n-Hexadecanoic ...	11.857	12.7	ng	530291	4	11.322	838672	20.0
Phenanthrene, 2...	11.933	2.6	ng	109130	4	11.322	838672	20.0
Phenanthrene, 2...	12.374	2.0	ng	85622	4	11.322	838672	20.0
Tetracosane	12.421	3.0	ng	127565	4	11.322	838672	20.0
Octadecanoic acid	12.645	3.9	ng	164964	4	11.322	838672	20.0
Eicosane	13.157	2.4	ng	78883	5	13.974	652494	20.0
Hexadecane	13.498	3.5	ng	114968	5	13.974	652494	20.0
Cyclopentadecane	13.821	6.5	ng	213660	5	13.974	652494	20.0
Benzo[e]pyrene	15.321	4.3	ng	136817	6	15.451	639861	20.0