LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
Data File : BF140435.D
Acq On : 16 Nov 2024 17:34
Operator : RC/JU
Sample : P4768-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : B-3-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF140435.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.122	3	5	18	rVB	1059197	1429584	47.42%	3.407%
2	2.234	19	24	36	rVB	30786	54648	1.81%	0.130%
3	5.087	499	509	519	rBV	55474	86219	2.86%	0.206%
4	5.498	574	579	597	rVB	1151966	1547223	51.32%	3.688%
5	6.510	745	751	776	rBV	1242924	1633852	54.19%	3.894%
6	6.875	808	813	818	rBV	536941	683837	22.68%	1.630%
7	7.434	902	908	917	rBV	795815	1038448	34.44%	2.475%
8	8.151	1025	1030	1049	rVB	674577	895797	29.71%	2.135%
9	9.228	1207	1213	1223	rBV	1501801	1970780	65.37%	4.697%
10	9.769	1300	1305	1310	rBV	79658	101582	3.37%	0.242%
11	9.910	1323	1329	1343	rBV	727580	985322	32.68%	2.348%
12	10.457	1417	1422	1427	rVB	28049	36953	1.23%	0.088%
13	10.616	1444	1449	1456	rVB	278770	375522	12.46%	0.895%
14	10.698	1458	1463	1473	rVV	805153	1047799	34.75%	2.497%
15	10.816	1478	1483	1489	rVB5	20295	41025	1.36%	0.098%
16	10.927	1499	1502	1509	rVB	37751	47954	1.59%	0.114%
17	11.004	1509	1515	1518	rBV2	42815	72305	2.40%	0.172%
18	11.133	1532	1537	1538	rBV2	33977	47484	1.57%	0.113%
19	11.157	1538	1541	1546	rVB2	32027	47253	1.57%	0.113%
20	11.251	1552	1557	1561	rBV2	56930	96311	3.19%	0.230%
21	11.292	1561	1564	1569	rVB	27796	40326	1.34%	0.096%
22	11.398	1576	1582	1584	rBV	707531	987474	32.75%	2.354%
23	11.422	1584	1586	1590	rVV	501486	533024	17.68%	1.270%
24	11.469	1590	1594	1598	rVV	129468	193556	6.42%	0.461%
25	11.504	1598	1600	1606	rVB2	39129	54787	1.82%	0.131%
26	11.639	1617	1623	1628	rBV3	45093	109043	3.62%	0.260%
27	11.692	1628	1632	1635	rVV2	48338	73257	2.43%	0.175%
28	11.727	1635	1638	1645	rVB4	21324	38374	1.27%	0.091%
29	11.898	1662	1667	1669	rBV	175173	248811	8.25%	0.593%
30	11.927	1669	1672	1676	rVV	289320	396303	13.14%	0.945%
31	11.974	1676	1680	1682	rVV	107850	143017	4.74%	0.341%
32	12.010	1682	1686	1695	rVB	418936	761167	25.25%	1.814%
33	12.086	1695	1699	1704	rBV4	36120	71669	2.38%	0.171%
34	12.192	1713	1717	1721	rBV	128385	166158	5.51%	0.396%
35	12.345	1738	1743	1745	rBV	68142	95513	3.17%	0.228%
36	12.374	1745	1748	1750	rVV	46844	48844	1.62%	0.116%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
Data File : BF140435.D
Acq On : 16 Nov 2024 17:34
Operator : RC/JU
Sample : P4768-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.451	1756	1761	1764	rBV	170947	253576	8.41%	0.604%
38	12.486	1764	1767	1773	rVV2	129512	239182	7.93%	0.570%
39	12.539	1773	1776	1781	rVB3	97039	143634	4.76%	0.342%
40	12.616	1784	1789	1793	rBV	2018141	2548252	84.52%	6.074%
41	12.657	1793	1796	1798	rVV	37011	46226	1.53%	0.110%
42	12.710	1802	1805	1808	rVV	92802	100453	3.33%	0.239%
43	12.763	1812	1814	1818	rVV2	52170	70711	2.35%	0.169%
44	12.845	1821	1828	1833	rBV	1948309	3015026	100.00%	7.186%
45	12.892	1833	1836	1841	rVB2	132389	189276	6.28%	0.451%
46	12.980	1843	1851	1859	rVB2	1189761	1800441	59.72%	4.291%
47	13.063	1859	1865	1872	rBV3	265264	523340	17.36%	1.247%
48	13.168	1875	1883	1887	rVB	515784	904114	29.99%	2.155%
49	13.239	1891	1895	1898	rBV	406902	519138	17.22%	1.237%
50	13.274	1898	1901	1908	rVB3	323708	505804	16.78%	1.206%
51	13.368	1913	1917	1920	rVV	181089	276369	9.17%	0.659%
52	13.398	1920	1922	1928	rVV2	205633	312274	10.36%	0.744%
53	13.463	1929	1933	1944	rVB4	272821	452110	15.00%	1.078%
54	13.657	1962	1966	1967	rBV2	102291	124856	4.14%	0.298%
55	13.680	1968	1970	1975	rVB2	134726	182137	6.04%	0.434%
56	13.792	1985	1989	1991	rBV2	212780	287869	9.55%	0.686%
57	13.821	1991	1994	1996	rVV	189997	245431	8.14%	0.585%
58	13.851	1996	1999	2003	rVB2	131921	213021	7.07%	0.508%
59	14.039	2024	2031	2034	rBV2	1740495	2975495	98.69%	7.092%
60	14.074	2034	2037	2043	rVB	1234233	1693078	56.15%	4.035%
61	14.151	2047	2050	2053	rBV	144401	159959	5.31%	0.381%
62	14.192	2054	2057	2061	rBV3	115584	153531	5.09%	0.366%
63	14.433	2094	2098	2101	rBV	310058	385374	12.78%	0.919%
64	14.468	2101	2104	2107	rVB2	146881	176657	5.86%	0.421%
65	14.527	2108	2114	2117	rBV4	138435	297233	9.86%	0.708%
66	14.563	2117	2120	2121	rBV2	93413	96217	3.19%	0.229%
67	14.745	2148	2151	2154	rBV2	95819	143004	4.74%	0.341%
68	15.104	2206	2212	2220	rBV	1044966	2547370	84.49%	6.072%
69	15.210	2226	2230	2234	rVB	172617	222277	7.37%	0.530%
70	15.410	2259	2264	2270	rVB	533702	857136	28.43%	2.043%
71	15.474	2270	2275	2280	rVB	839272	1246496	41.34%	2.971%
72	15.533	2280	2285	2288	rBV	356148	570847	18.93%	1.361%
73	17.027	2533	2539	2548	rVB2	289999	651448	21.61%	1.553%
74	17.209	2565	2570	2575	rBV	65227	138797	4.60%	0.331%
75	17.486	2611	2617	2634	rVB	204493	486255	16.13%	1.159%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
Data File : BF140435.D
Acq On : 16 Nov 2024 17:34
Operator : RC/JU
Sample : P4768-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-2

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

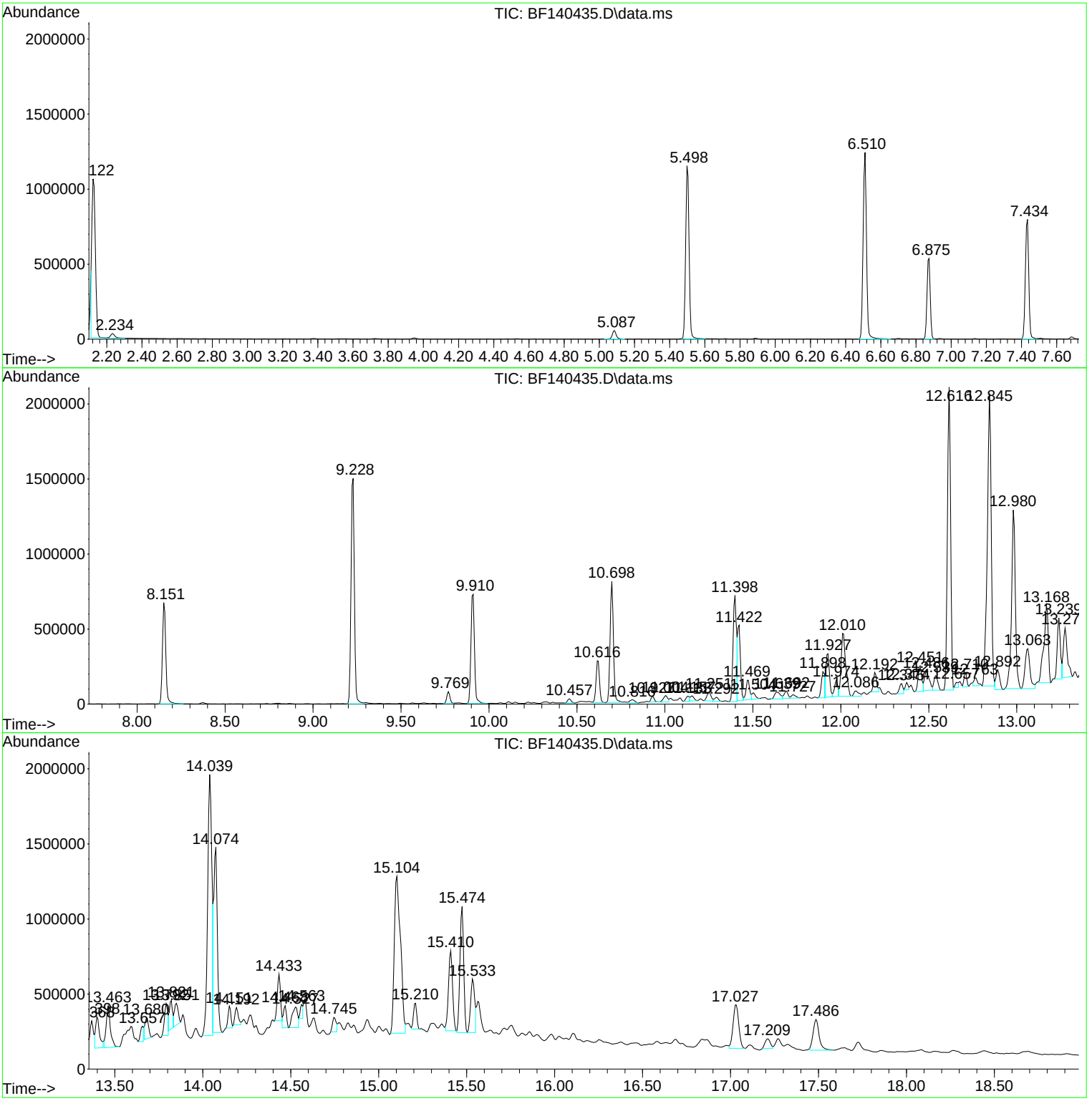
Sum of corrected areas: 41955635

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
Data File : BF140435.D
Acq On : 16 Nov 2024 17:34
Operator : RC/JU
Sample : P4768-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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\BF111624\
Data File : BF140435.D
Acq On : 16 Nov 2024 17:34
Operator : RC/JU
Sample : P4768-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-2

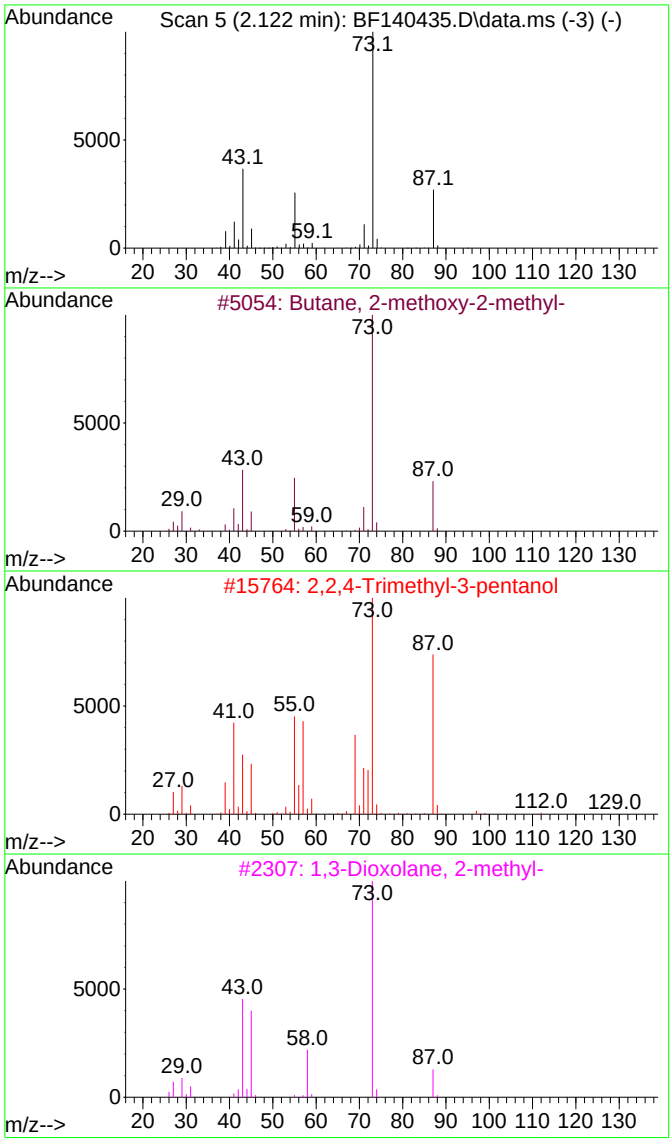
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

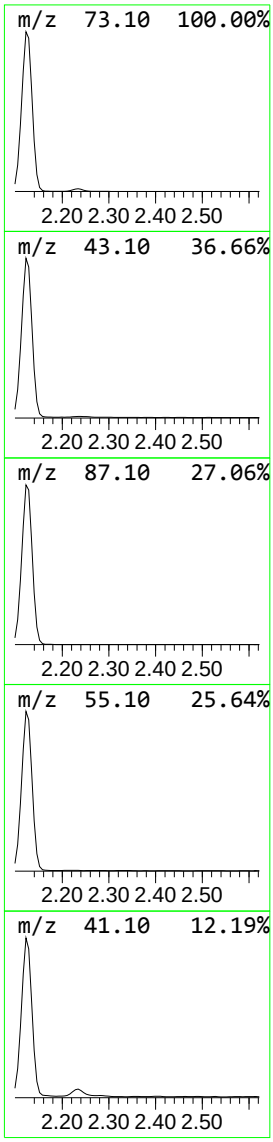
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.122	41.81 ng	1429580	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
Data File : BF140435.D
Acq On : 16 Nov 2024 17:34
Operator : RC/JU
Sample : P4768-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-2

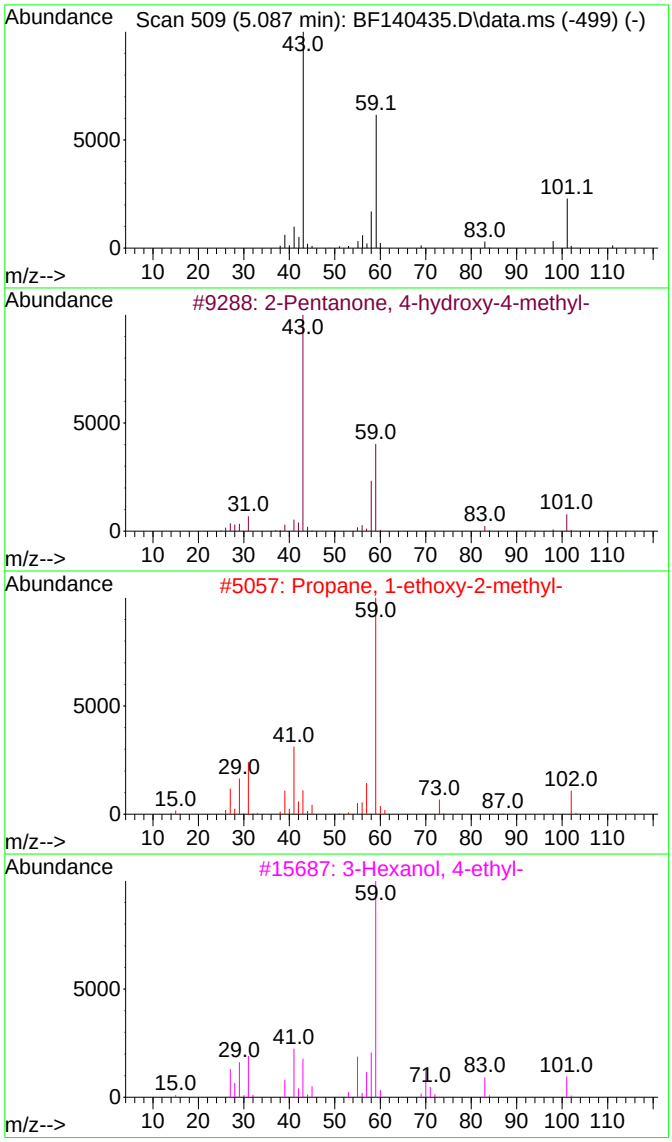
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

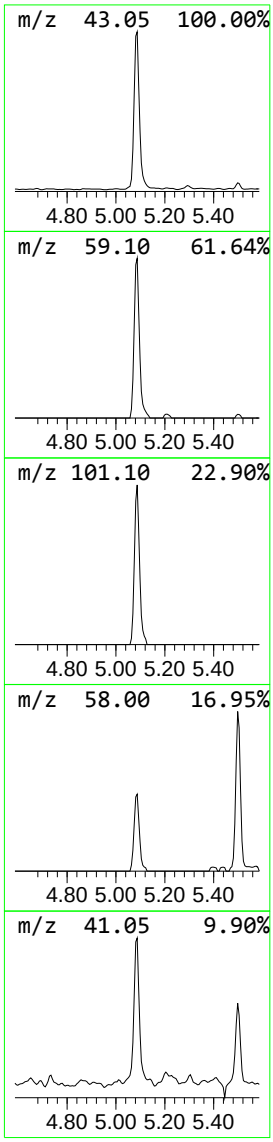
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.087	2.52 ng	86219	1,4-Dichlorobenzene-d4	6.875

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	38
3	3-Hexanol, 4-ethyl-	130	C8H18O	019780-44-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
Data File : BF140435.D
Acq On : 16 Nov 2024 17:34
Operator : RC/JU
Sample : P4768-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

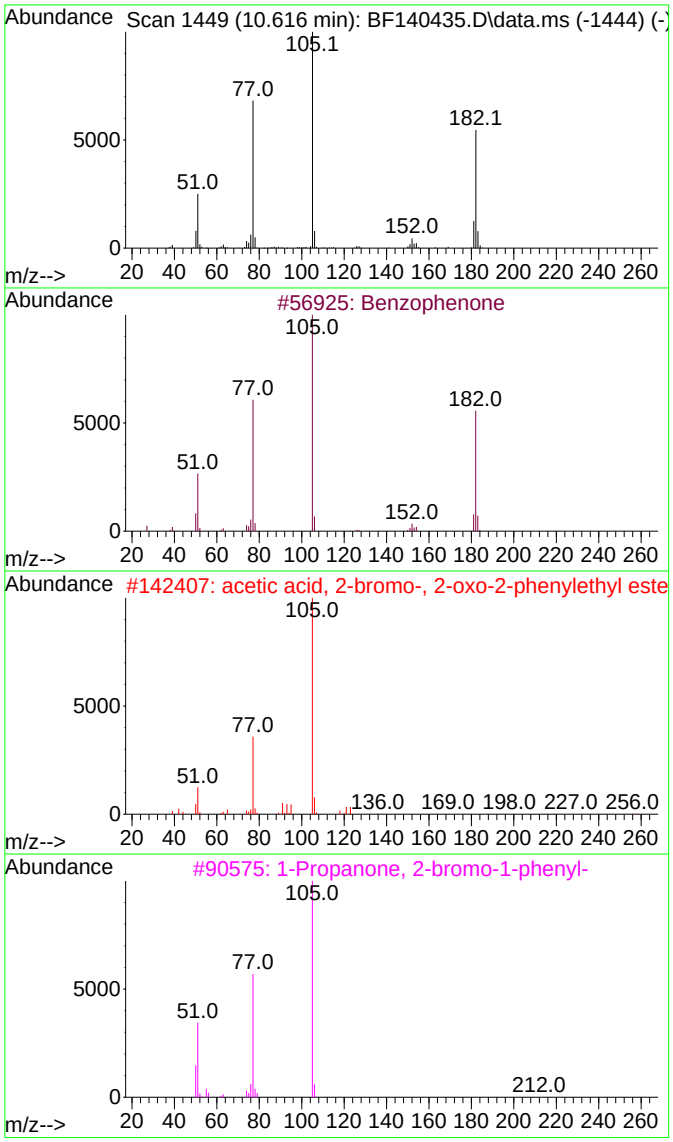
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

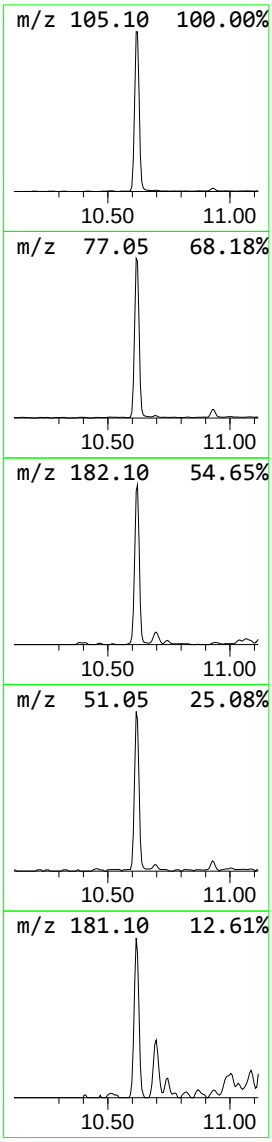
****

Peak Number 3 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	7.62 ng	375522	Acenaphthene-d10	9.910

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	acetic acid, 2-bromo-, 2-oxo-2-p...	256	C10H9BrO3	1000401-50-0	47
3	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
4	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	47
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
Data File : BF140435.D
Acq On : 16 Nov 2024 17:34
Operator : RC/JU
Sample : P4768-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

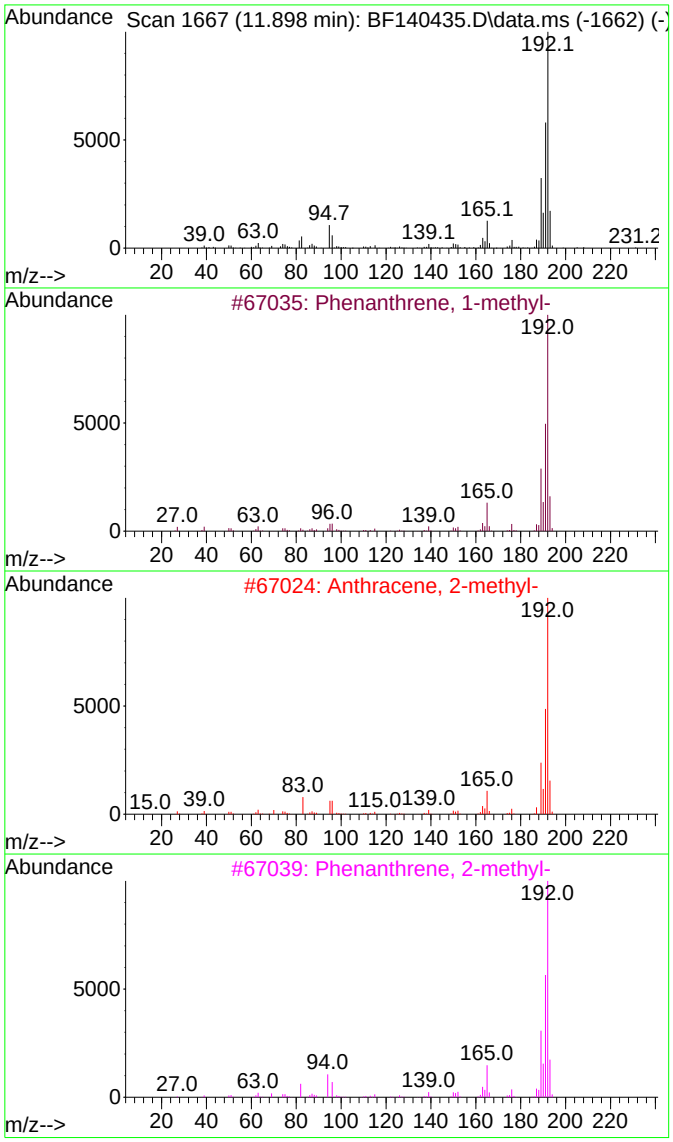
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

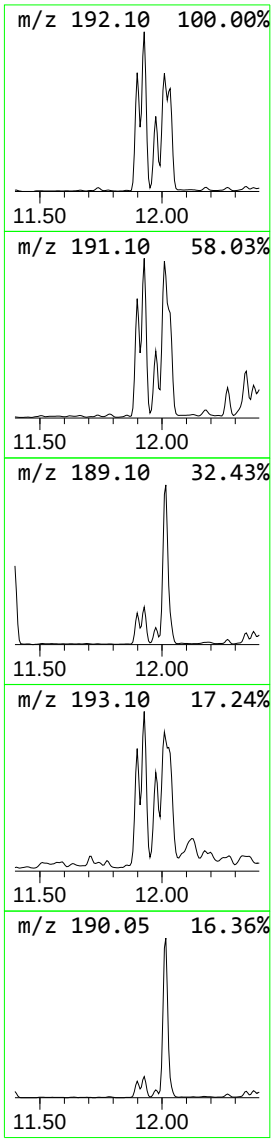
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	5.04 ng	248811	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
Data File : BF140435.D
Acq On : 16 Nov 2024 17:34
Operator : RC/JU
Sample : P4768-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

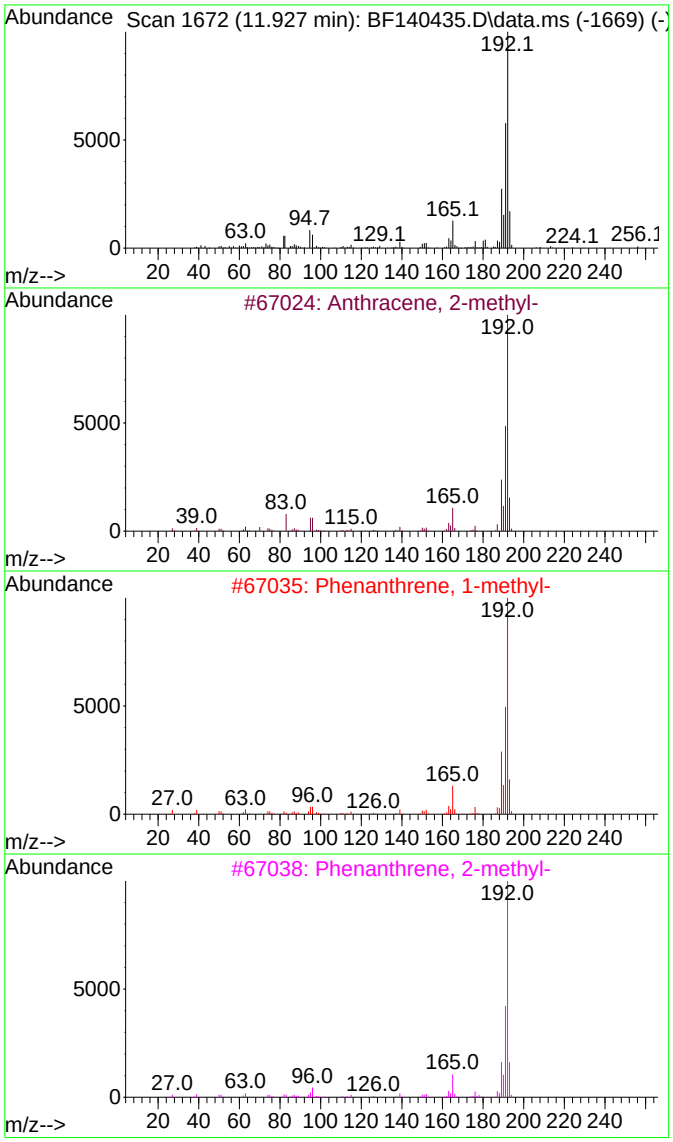
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

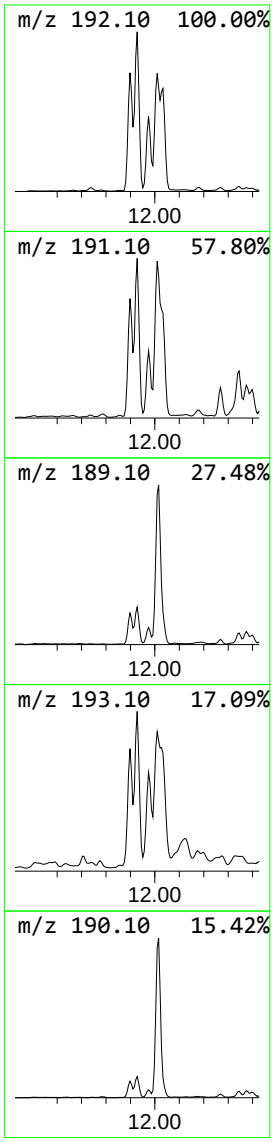
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	8.03 ng	396303	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
Data File : BF140435.D
Acq On : 16 Nov 2024 17:34
Operator : RC/JU
Sample : P4768-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

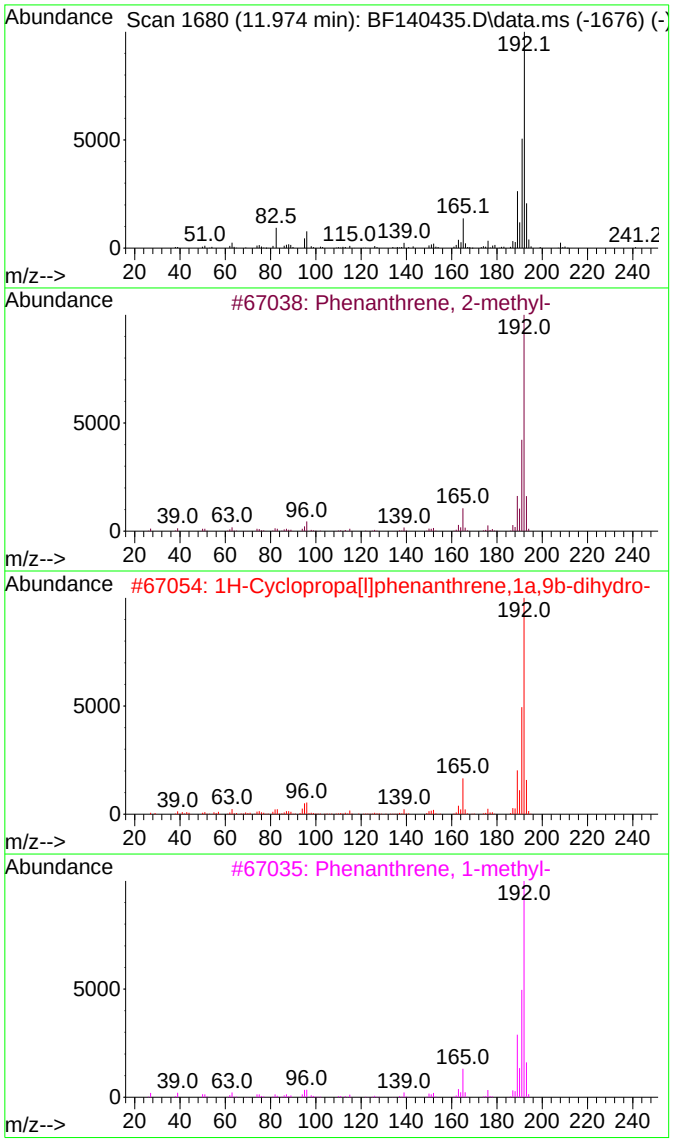
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

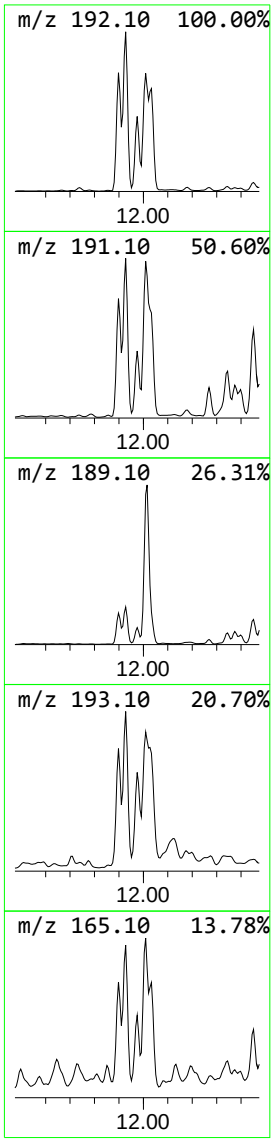
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.974	2.90 ng	143017	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
Data File : BF140435.D
Acq On : 16 Nov 2024 17:34
Operator : RC/JU
Sample : P4768-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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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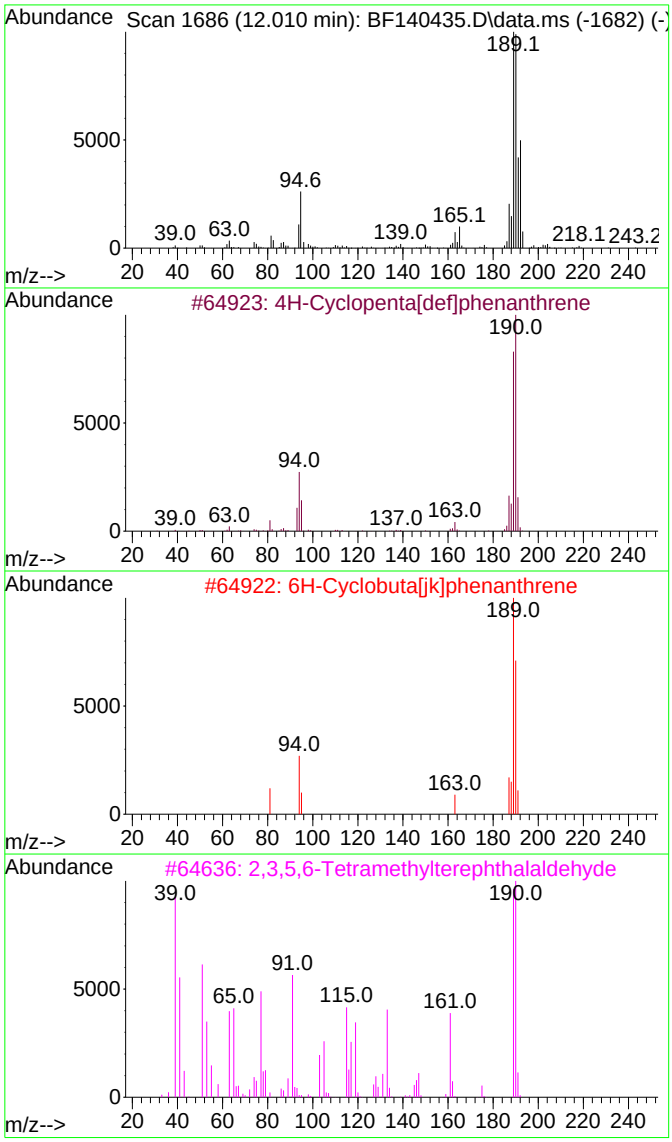
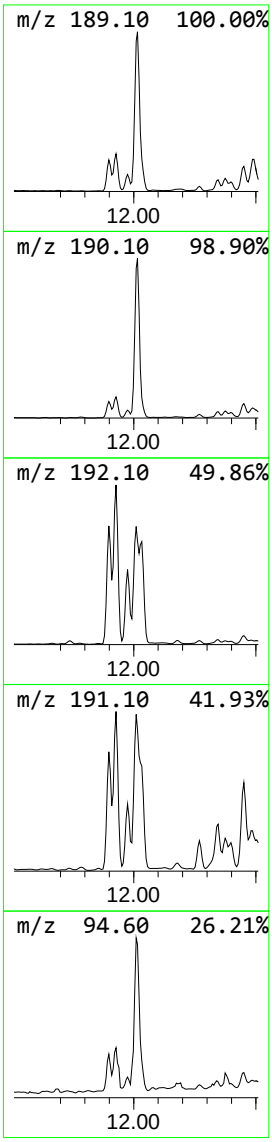
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.010	15.42 ng	761167	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	43
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37





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Sample : P4768-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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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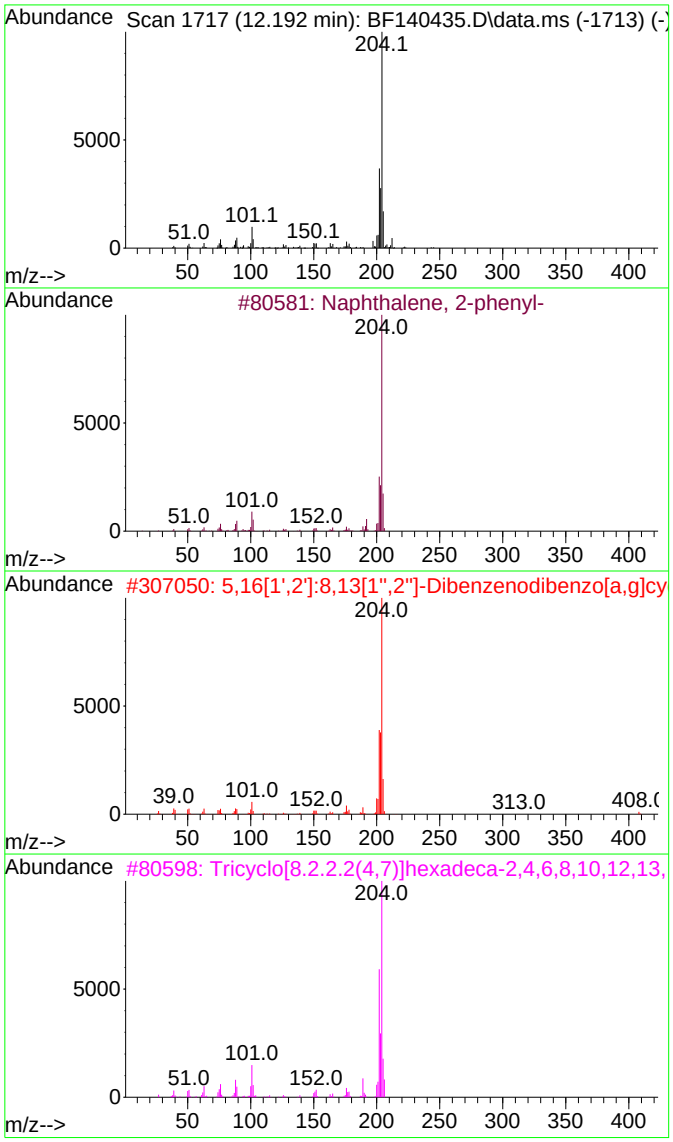
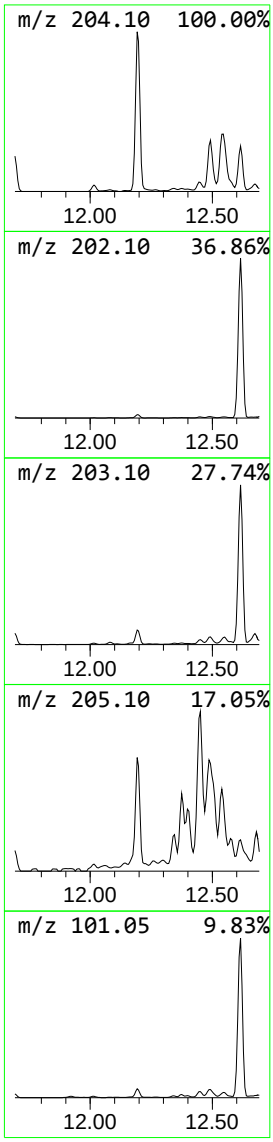
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.192	3.37 ng	166158	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58





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Operator : RC/JU
Sample : P4768-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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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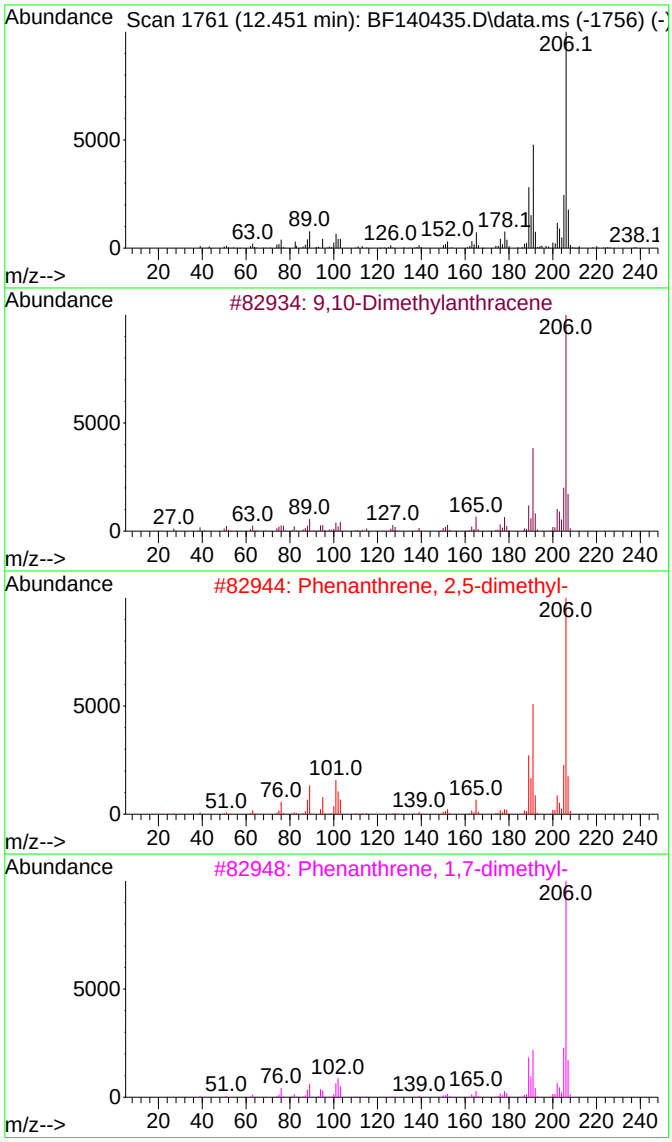
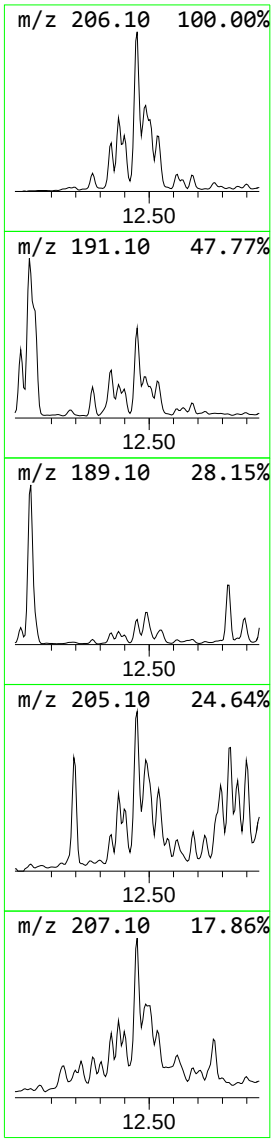
Peak Number 9 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	5.14 ng	253576	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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Acq On : 16 Nov 2024 17:34
Operator : RC/JU
Sample : P4768-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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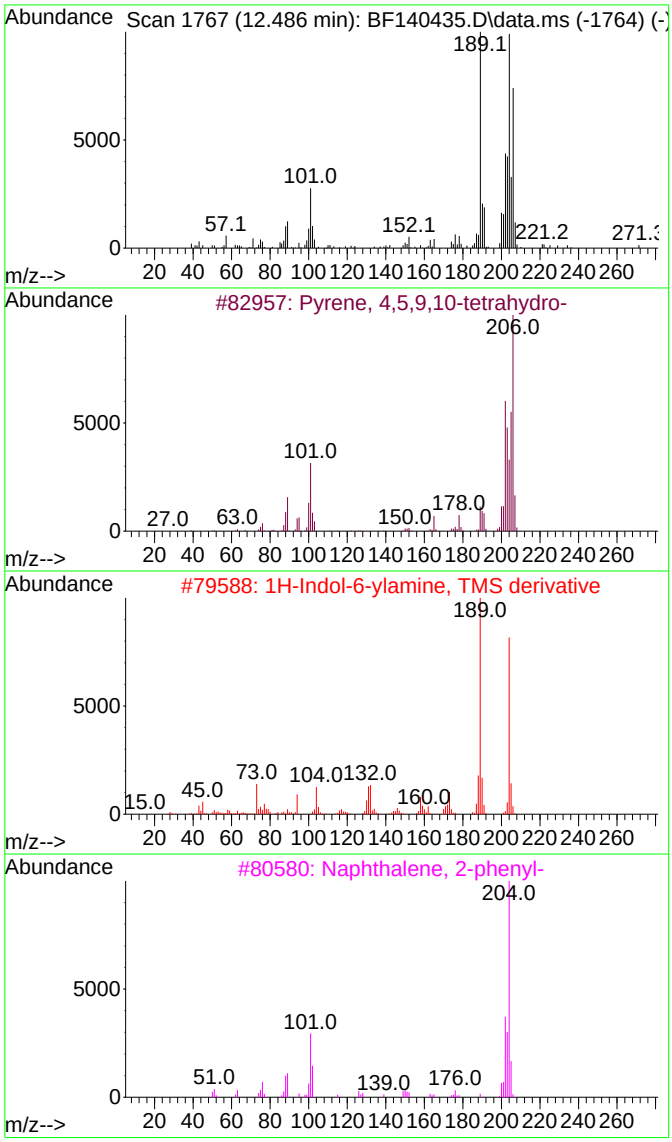
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

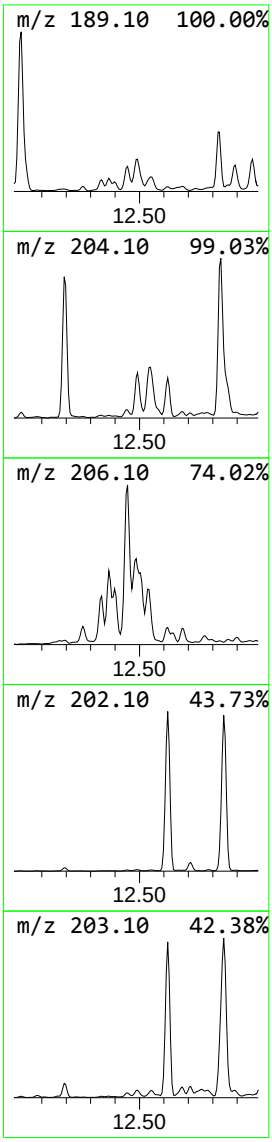
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Pyrene, 4,5,9,10-tetrahydro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.486	4.84 ng	239182	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	51
2	1H-Indol-6-ylamine, TMS derivative	204	C11H16N2Si	1000484-86-1	43
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	42
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	38
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





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Acq On : 16 Nov 2024 17:34
Operator : RC/JU
Sample : P4768-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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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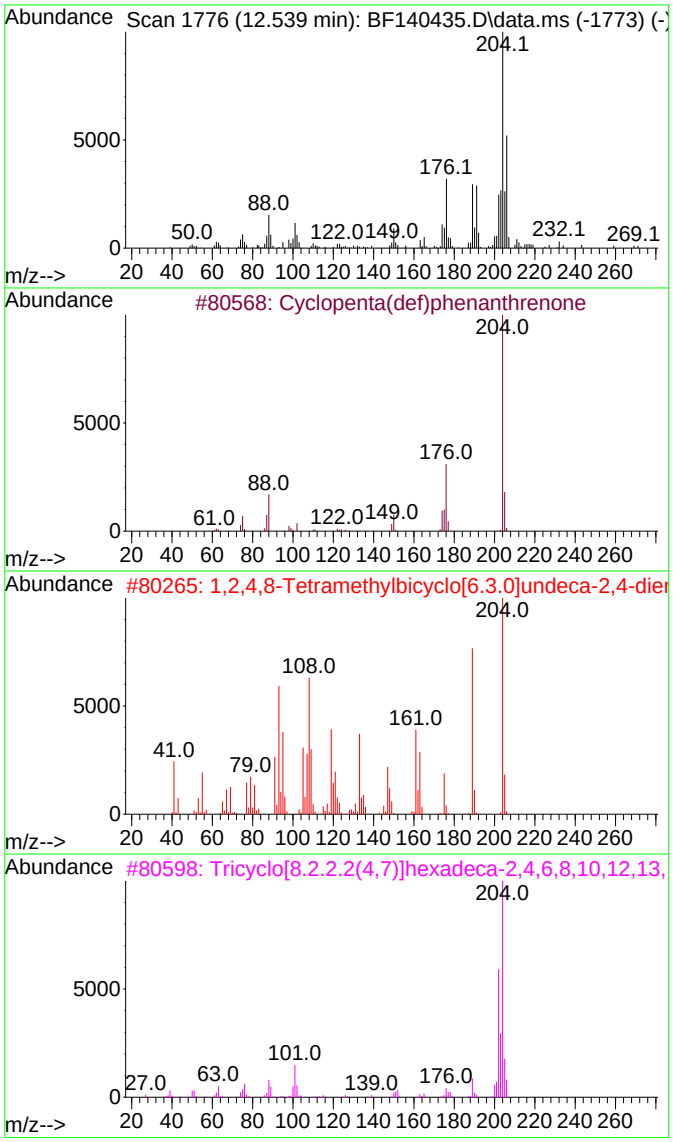
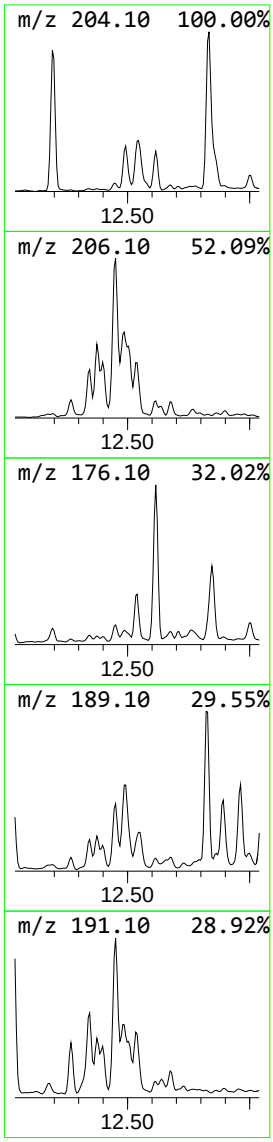
Peak Number 11 unknown12.539 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.539	2.91 ng	143634	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	46
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38





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

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

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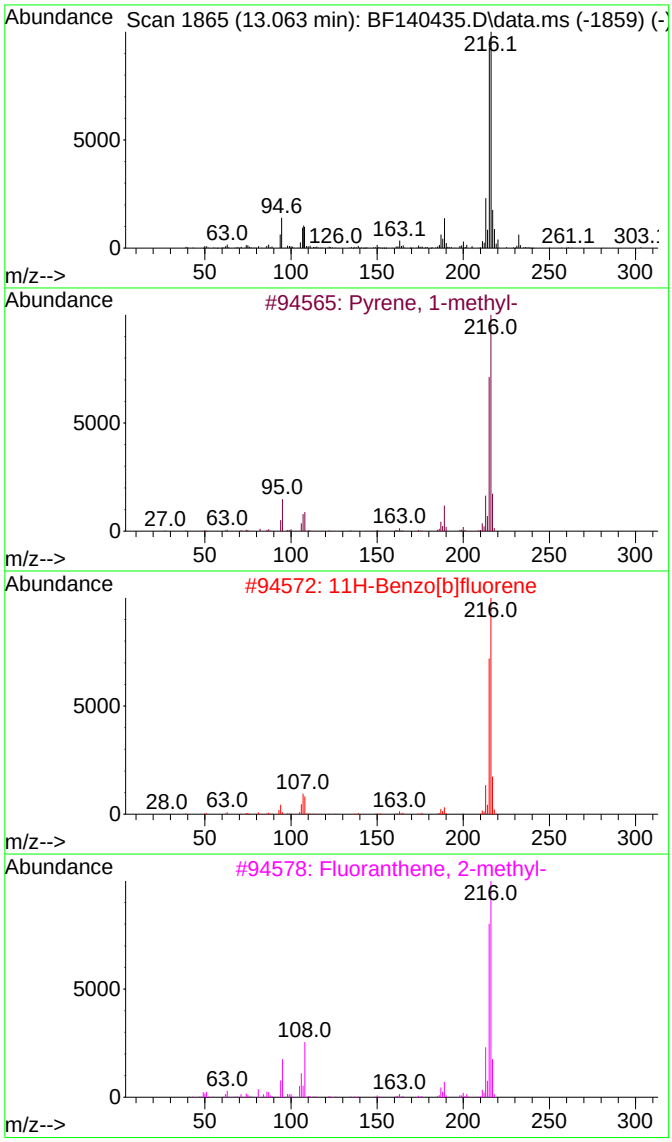
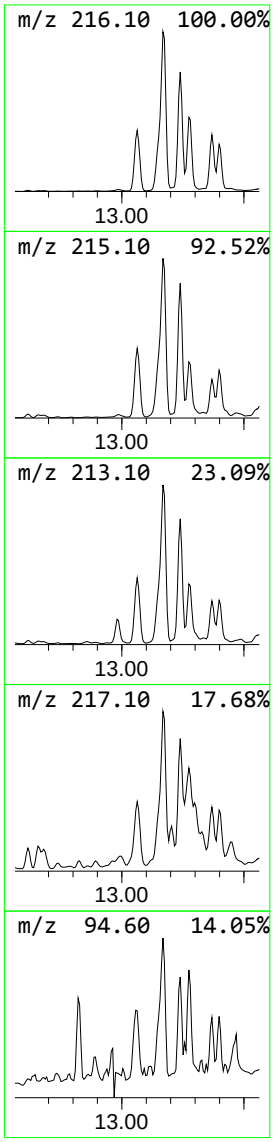
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	3.52 ng	523340	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70





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Acq On : 16 Nov 2024 17:34
Operator : RC/JU
Sample : P4768-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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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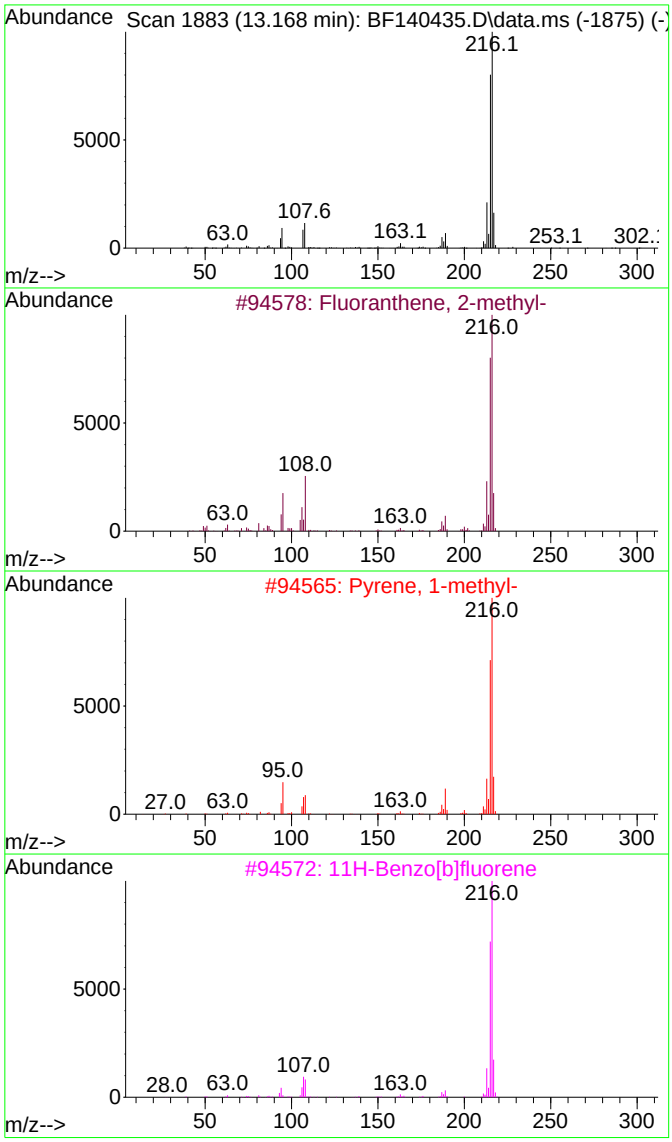
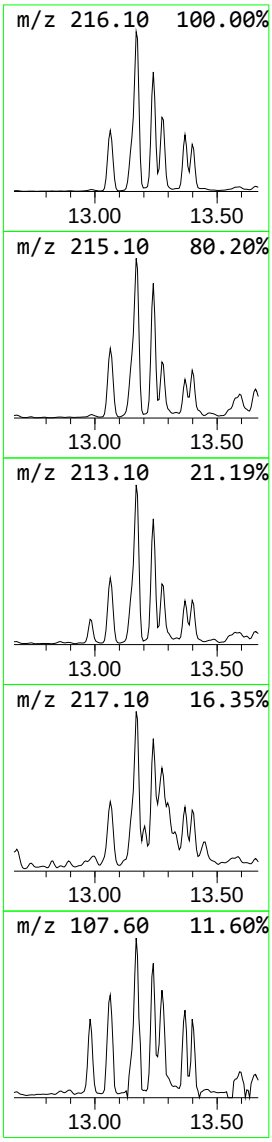
Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	6.08 ng	904114	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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Sample : P4768-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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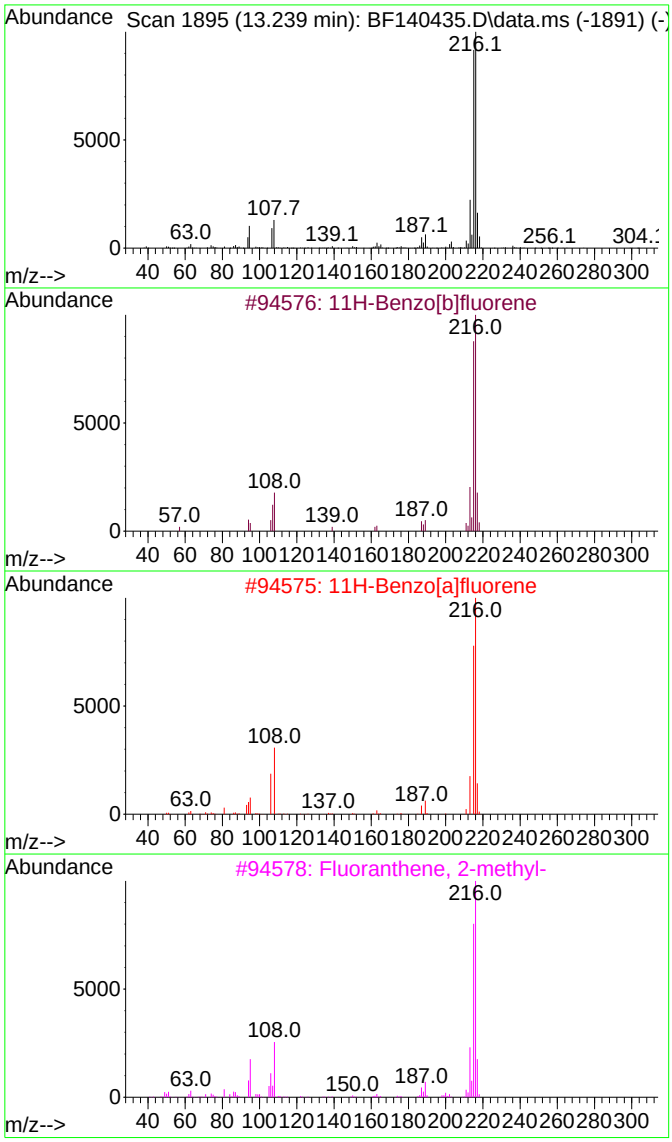
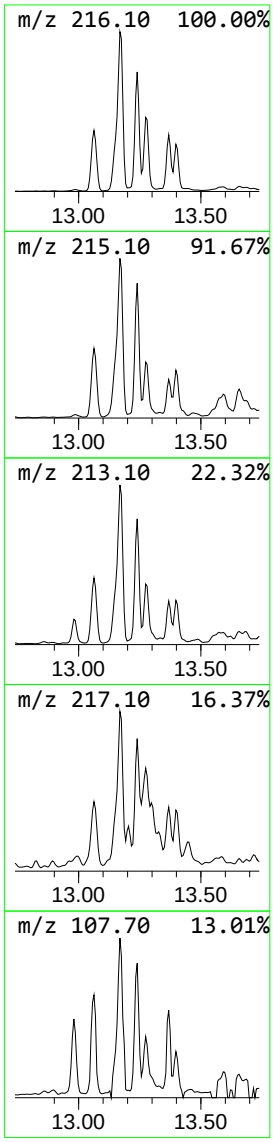
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	3.49 ng	519138	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	68





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Acq On : 16 Nov 2024 17:34
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Sample : P4768-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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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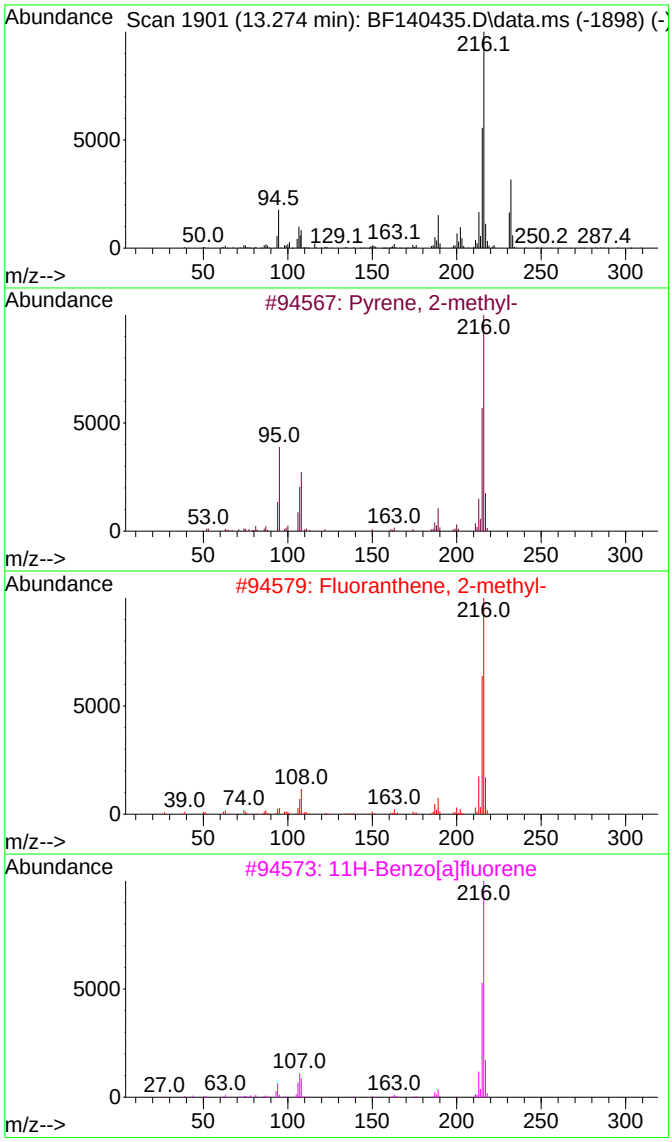
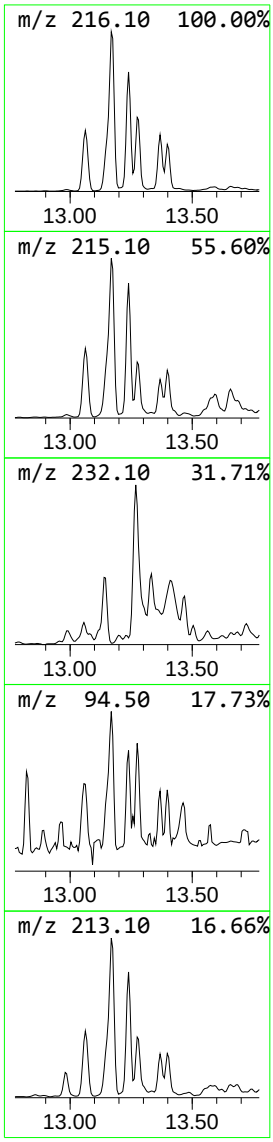
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.274	3.40 ng	505804	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	62
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	53





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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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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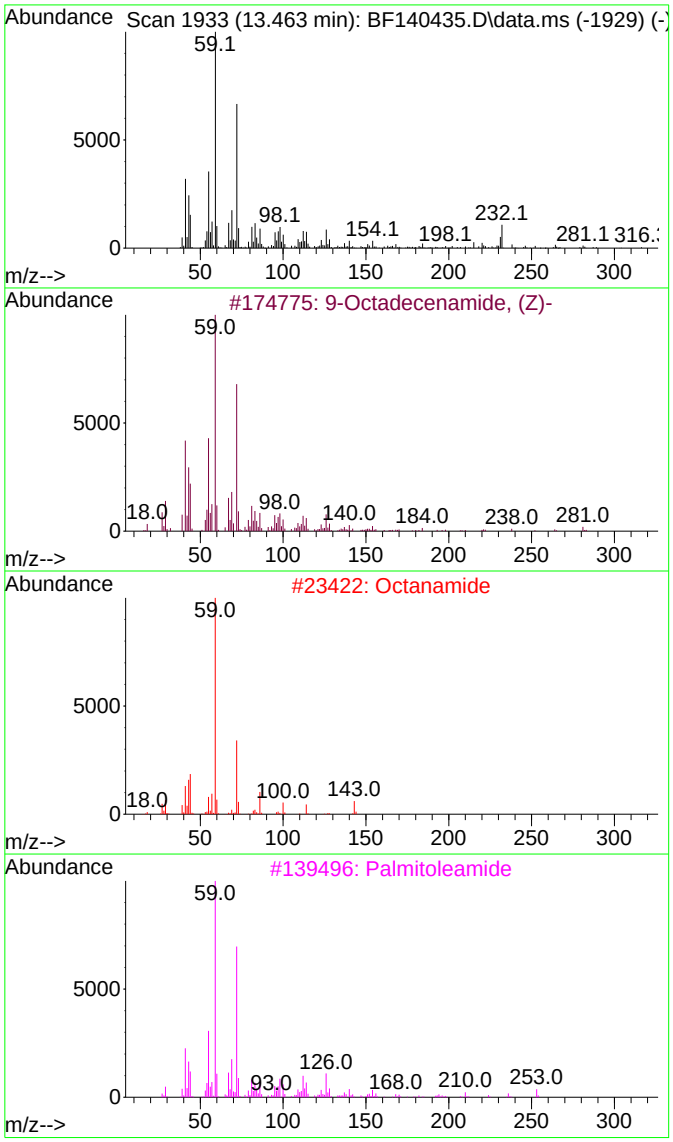
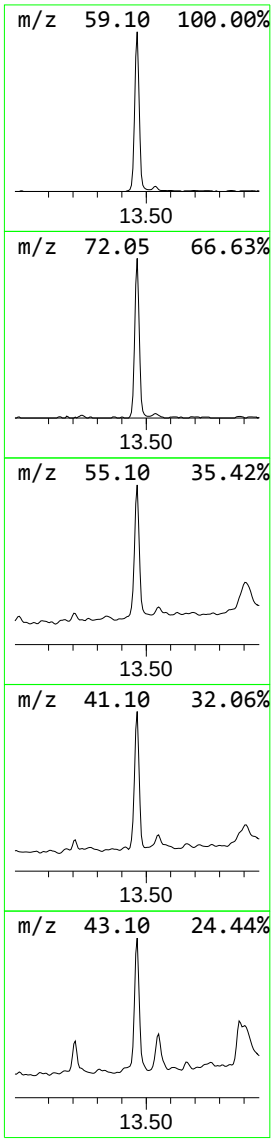
Peak Number 16 9-Octadecenamide, (Z)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.463	3.04 ng	452110	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Octanamide	143	C8H17NO	000629-01-6	59
3	Palmitoleamide	253	C16H31NO	106010-22-4	55
4	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	53
5	Methyl 17-methoxy-10-methoxycarb...	386	C22H42O5	1000110-20-7	38





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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
B-3-2

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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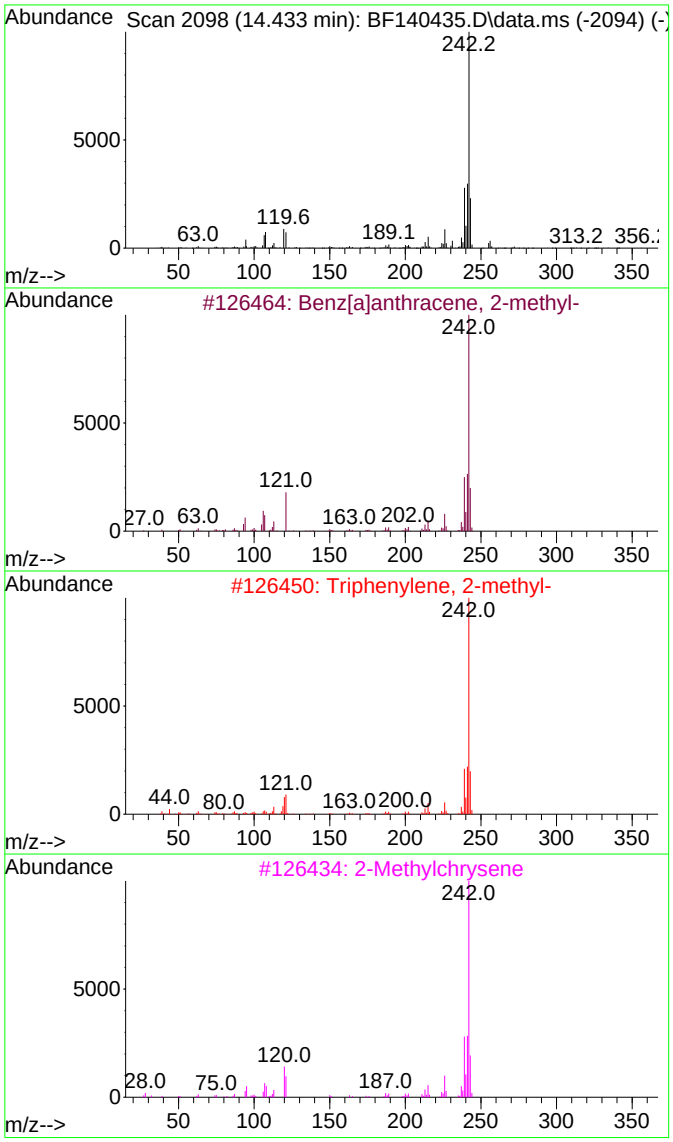
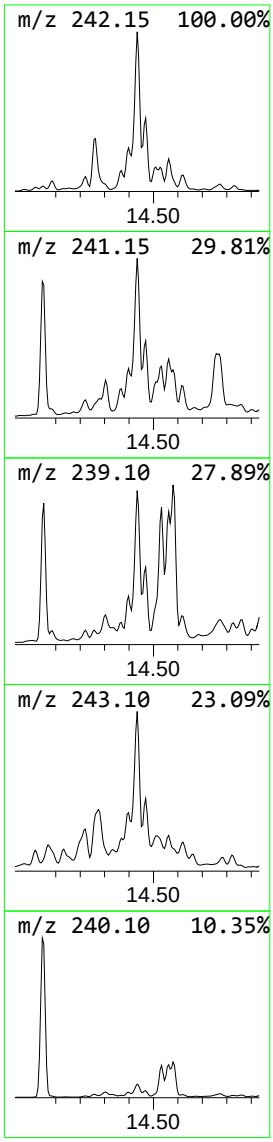
Peak Number 17 Benz[a]anthracene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.433	2.59 ng	385374	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	95
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
3	2-Methylchrysene	242	C19H14	003351-32-4	93
4	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93





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Operator : RC/JU
Sample : P4768-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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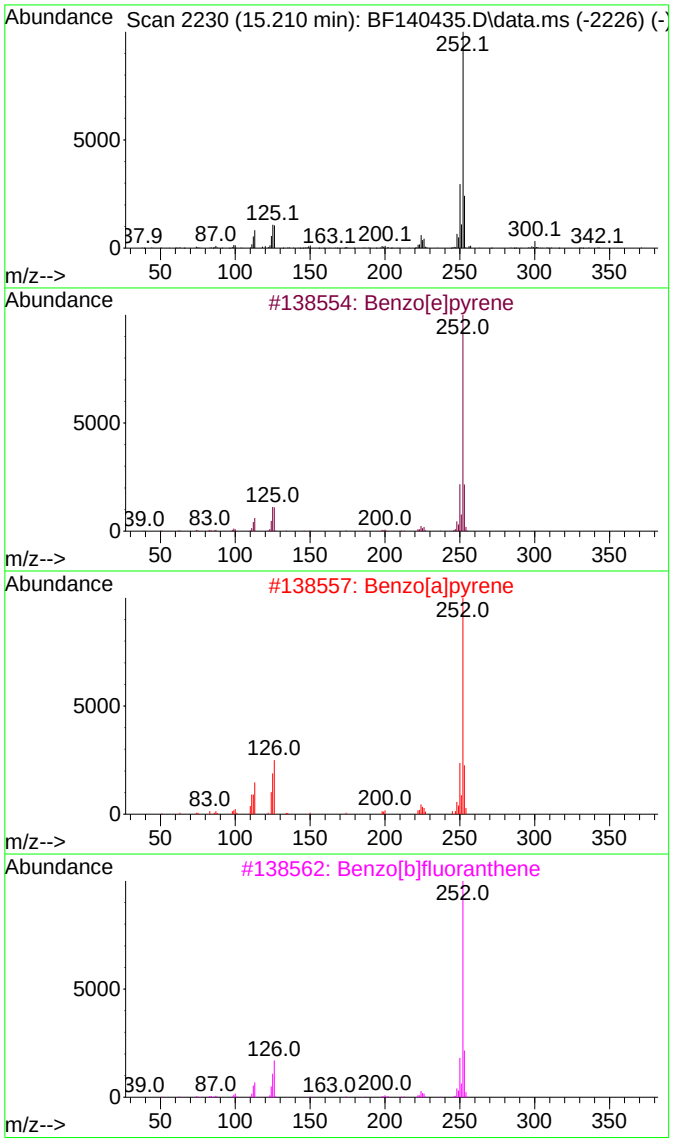
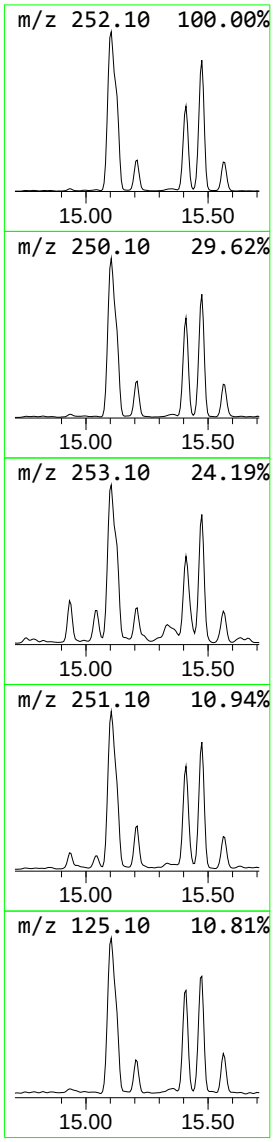
Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.210	7.79 ng	222277	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
5	Perylene	252	C20H12	000198-55-0	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
Data File : BF140435.D
Acq On : 16 Nov 2024 17:34
Operator : RC/JU
Sample : P4768-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

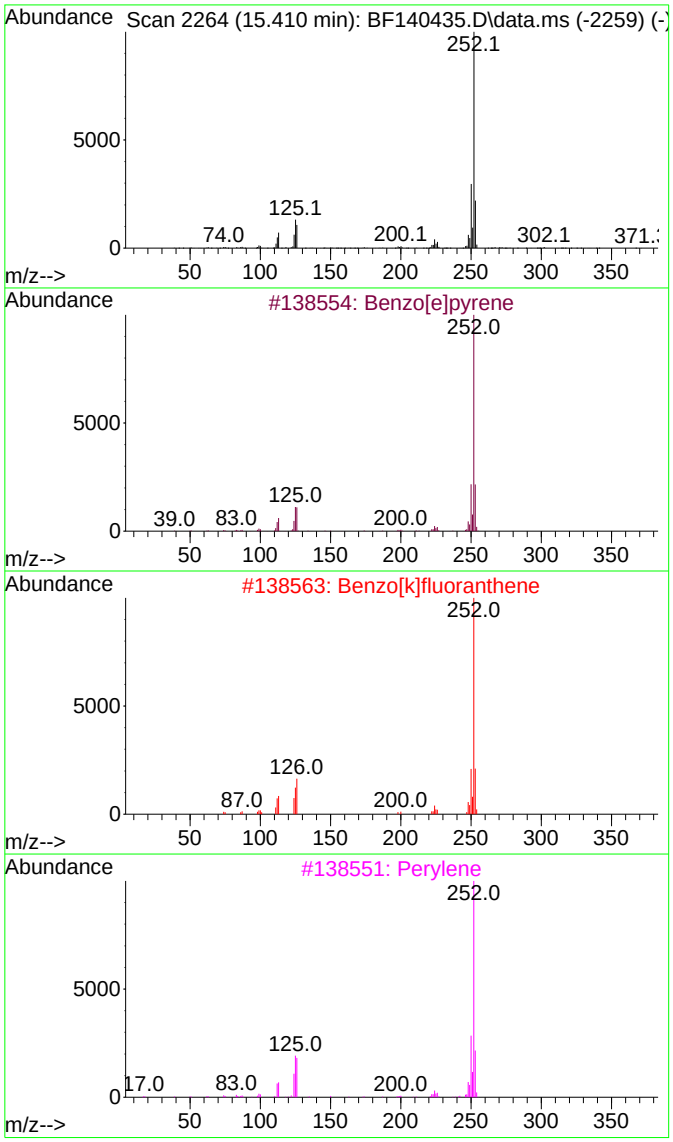
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

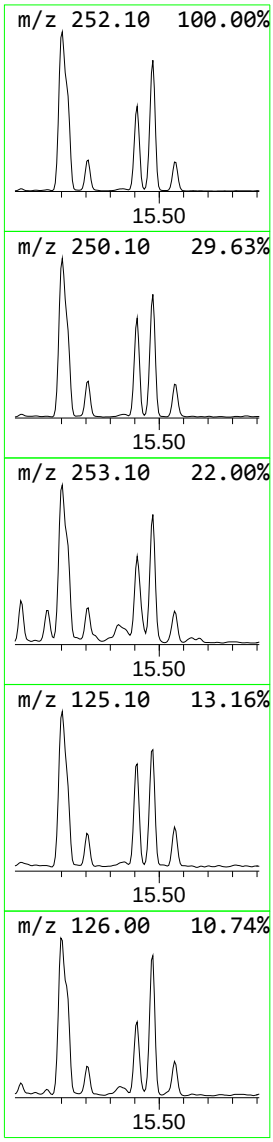
****

Peak Number 19 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	30.03 ng	857136	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
Data File : BF140435.D
Acq On : 16 Nov 2024 17:34
Operator : RC/JU
Sample : P4768-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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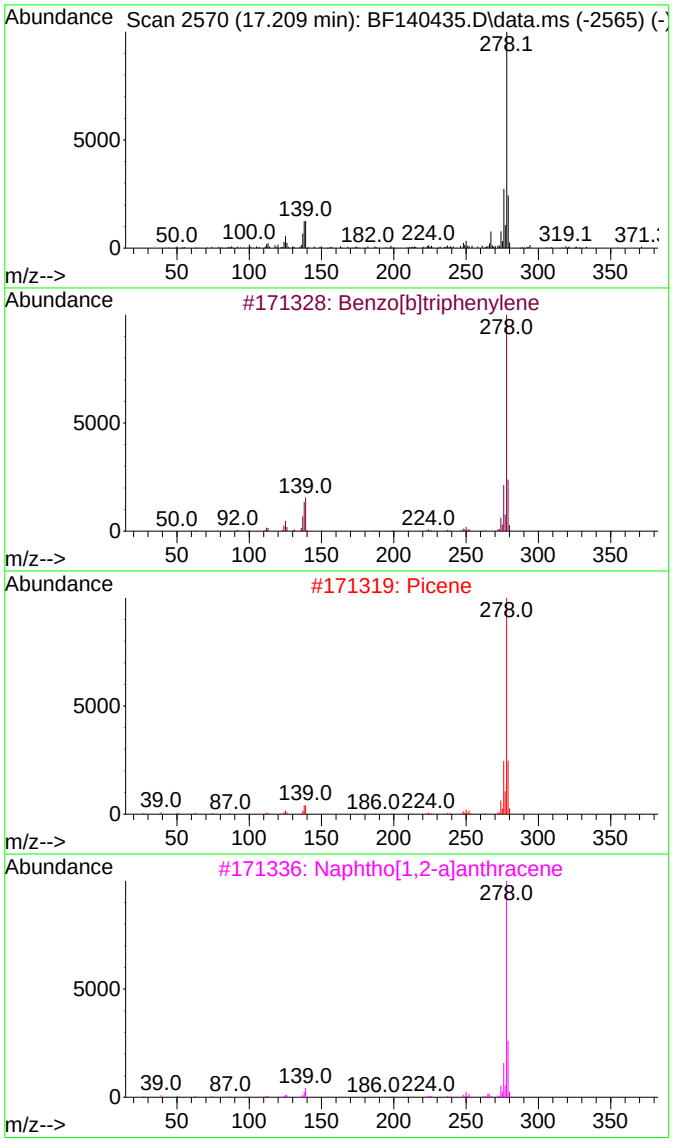
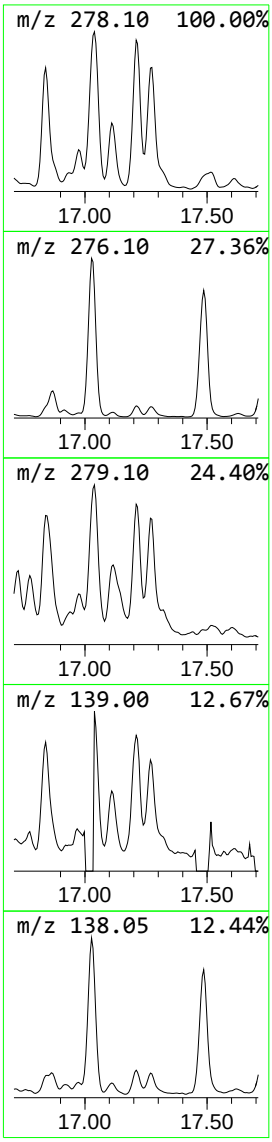
Peak Number 20 Benzo[b]triphenylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.209	4.86 ng	138797	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	98
2	Picene	278	C22H14	000213-46-7	97
3	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	95
4	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93
5	Pentaphene	278	C22H14	000222-93-5	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
Data File : BF140435.D
Acq On : 16 Nov 2024 17:34
Operator : RC/JU
Sample : P4768-02
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-3-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.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...	2.122	41.8	ng	1429580	1	6.875	683837	20.0
2-Pentanone, 4-...	5.087	2.5	ng	86219	1	6.875	683837	20.0
Benzophenone	10.616	7.6	ng	375522	3	9.910	985322	20.0
Phenanthrene, 1...	11.898	5.0	ng	248811	4	11.398	987474	20.0
Anthracene, 2-m...	11.927	8.0	ng	396303	4	11.398	987474	20.0
Phenanthrene, 2...	11.974	2.9	ng	143017	4	11.398	987474	20.0
4H-Cyclopenta[d...	12.010	15.4	ng	761167	4	11.398	987474	20.0
Naphthalene, 2-...	12.192	3.4	ng	166158	4	11.398	987474	20.0
9,10-Dimethylan...	12.451	5.1	ng	253576	4	11.398	987474	20.0
Pyrene, 4,5,9,1...	12.486	4.8	ng	239182	4	11.398	987474	20.0
unknown12.539	12.539	2.9	ng	143634	4	11.398	987474	20.0
Pyrene, 1-methyl-	13.063	3.5	ng	523340	5	14.045	2975500	20.0
Fluoranthene, 2...	13.169	6.1	ng	904114	5	14.045	2975500	20.0
11H-Benzo[b]flu...	13.239	3.5	ng	519138	5	14.045	2975500	20.0
Pyrene, 2-methyl-	13.274	3.4	ng	505804	5	14.045	2975500	20.0
9-Octadecenamid...	13.463	3.0	ng	452110	5	14.045	2975500	20.0
Benz[a]anthrace...	14.433	2.6	ng	385374	5	14.045	2975500	20.0
Benzo[e]pyrene	15.210	7.8	ng	222277	6	15.533	570847	20.0
Perylene	15.410	30.0	ng	857136	6	15.533	570847	20.0
Benzo[b]triphen...	17.209	4.9	ng	138797	6	15.533	570847	20.0