LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129560.D
Acq On : 04 Aug 2022 01:59
Operator : CG\JU
Sample : N3998-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF129560.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.098	476	478	486	rVB	30318	37428	1.21%	0.110%
2	5.504	543	547	559	rBV	2944611	2621821	84.48%	7.726%
3	6.516	715	719	731	rVB	2778010	2369777	76.36%	6.983%
4	6.869	776	779	783	rBV	831098	631328	20.34%	1.860%
5	7.434	870	875	878	rBV	1783279	1455245	46.89%	4.288%
6	8.151	993	997	1000	rBV	922866	717910	23.13%	2.115%
7	9.228	1176	1180	1183	rBV	2835713	2424915	78.13%	7.145%
8	9.769	1269	1272	1277	rBV	42722	37670	1.21%	0.111%
9	9.910	1292	1296	1299	rBV	929933	732429	23.60%	2.158%
10	9.939	1299	1301	1304	rVB	60101	49028	1.58%	0.144%
11	10.322	1359	1366	1370	rBV5	19736	38292	1.23%	0.113%
12	10.457	1385	1389	1394	rBV	55259	49147	1.58%	0.145%
13	10.704	1427	1431	1434	rBV	1861413	1625641	52.38%	4.790%
14	11.204	1513	1516	1518	rVB	50415	38938	1.25%	0.115%
15	11.251	1521	1524	1529	rBV5	36689	60060	1.94%	0.177%
16	11.298	1529	1532	1536	rVB2	40010	38234	1.23%	0.113%
17	11.345	1536	1540	1542	rBV4	30772	36704	1.18%	0.108%
18	11.398	1546	1549	1551	rBV	944611	788598	25.41%	2.324%
19	11.422	1551	1553	1559	rVV	961545	787227	25.37%	2.320%
20	11.474	1559	1562	1565	rVB	130177	91198	2.94%	0.269%
21	11.510	1565	1568	1571	rBV	37219	34843	1.12%	0.103%
22	11.633	1584	1589	1593	rBV	107042	122919	3.96%	0.362%
23	11.692	1597	1599	1603	rVB	52805	44439	1.43%	0.131%
24	11.780	1611	1614	1617	rVB2	68533	64408	2.08%	0.190%
25	11.904	1629	1635	1636	rBV	143455	172387	5.55%	0.508%
26	11.927	1636	1639	1642	rVV2	231442	270717	8.72%	0.798%
27	11.974	1645	1647	1650	rVV	43499	41273	1.33%	0.122%
28	12.016	1650	1654	1656	rVV2	261503	294510	9.49%	0.868%
29	12.033	1656	1657	1661	rVB	120458	85465	2.75%	0.252%
30	12.080	1663	1665	1668	rBV2	54934	56365	1.82%	0.166%
31	12.198	1682	1685	1687	rBV	124211	109050	3.51%	0.321%
32	12.227	1687	1690	1694	rVB	180307	164508	5.30%	0.485%
33	12.345	1708	1710	1713	rBV2	43093	36509	1.18%	0.108%
34	12.451	1725	1728	1730	rBV	134537	131093	4.22%	0.386%
35	12.539	1740	1743	1747	rBV	121465	133987	4.32%	0.395%
36	12.616	1752	1756	1760	rBV	1950013	1753702	56.51%	5.168%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129560.D
Acq On : 04 Aug 2022 01:59
Operator : CG\JU
Sample : N3998-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-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-BF072522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.680	1765	1767	1769	rVV	49601	38121	1.23%	0.112%
38	12.745	1776	1778	1780	rBV2	39762	37102	1.20%	0.109%
39	12.845	1789	1795	1801	rBV	1634978	1891779	60.95%	5.575%
40	12.892	1801	1803	1807	rVB2	83233	85938	2.77%	0.253%
41	12.986	1812	1819	1822	rBV	3395945	3103579	100.00%	9.145%
42	13.063	1828	1832	1836	rBV2	115102	175013	5.64%	0.516%
43	13.151	1844	1847	1848	rBV2	100034	111995	3.61%	0.330%
44	13.174	1848	1851	1853	rVV	275466	245840	7.92%	0.724%
45	13.198	1853	1855	1859	rVB2	78363	66809	2.15%	0.197%
46	13.239	1859	1862	1864	rBV	224418	178066	5.74%	0.525%
47	13.280	1865	1869	1871	rBV3	180807	184468	5.94%	0.544%
48	13.368	1882	1884	1887	rBV	199548	166028	5.35%	0.489%
49	13.404	1887	1890	1892	rBV	152997	151777	4.89%	0.447%
50	13.680	1935	1937	1942	rVB	171213	171933	5.54%	0.507%
51	13.792	1954	1956	1959	rVB2	144232	135003	4.35%	0.398%
52	13.821	1959	1961	1963	rVB	129807	93215	3.00%	0.275%
53	13.874	1967	1970	1977	rVB3	488466	814519	26.24%	2.400%
54	14.045	1994	1999	2002	rBV2	950908	1416477	45.64%	4.174%
55	14.074	2002	2004	2011	rVB	808581	687360	22.15%	2.025%
56	14.151	2015	2017	2020	rBV	113752	87187	2.81%	0.257%
57	14.310	2042	2044	2050	rVB3	145654	161909	5.22%	0.477%
58	14.515	2073	2079	2084	rBV4	450784	858098	27.65%	2.529%
59	14.951	2150	2153	2158	rVB	409265	428714	13.81%	1.263%
60	15.098	2174	2178	2181	rBV	672661	928623	29.92%	2.736%
61	15.410	2227	2231	2236	rVB	438914	555002	17.88%	1.635%
62	15.468	2238	2241	2246	rVB	468774	584339	18.83%	1.722%
63	15.533	2248	2252	2256	rBV	395775	531132	17.11%	1.565%
64	15.733	2283	2286	2298	rVB2	350709	516129	16.63%	1.521%
65	16.780	2460	2464	2471	rVB2	214598	370543	11.94%	1.092%
66	17.039	2504	2508	2522	rVB2	273141	598584	19.29%	1.764%
67	17.498	2582	2586	2594	rVB	209679	413239	13.31%	1.218%

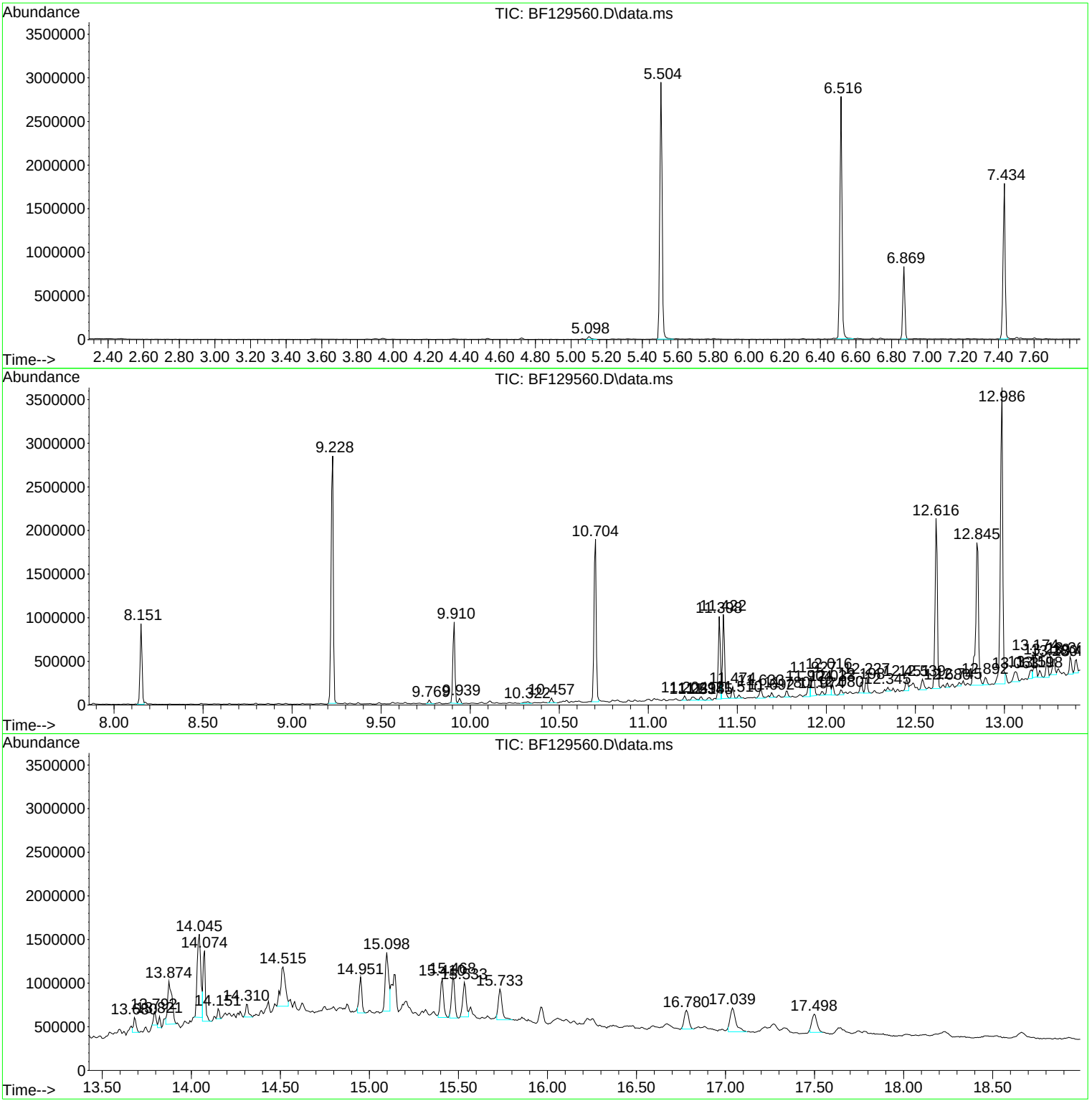
Sum of corrected areas: 33936286

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129560.D
Acq On : 04 Aug 2022 01:59
Operator : CG\JU
Sample : N3998-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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\BF080322\
Data File : BF129560.D
Acq On : 04 Aug 2022 01:59
Operator : CG\JU
Sample : N3998-08
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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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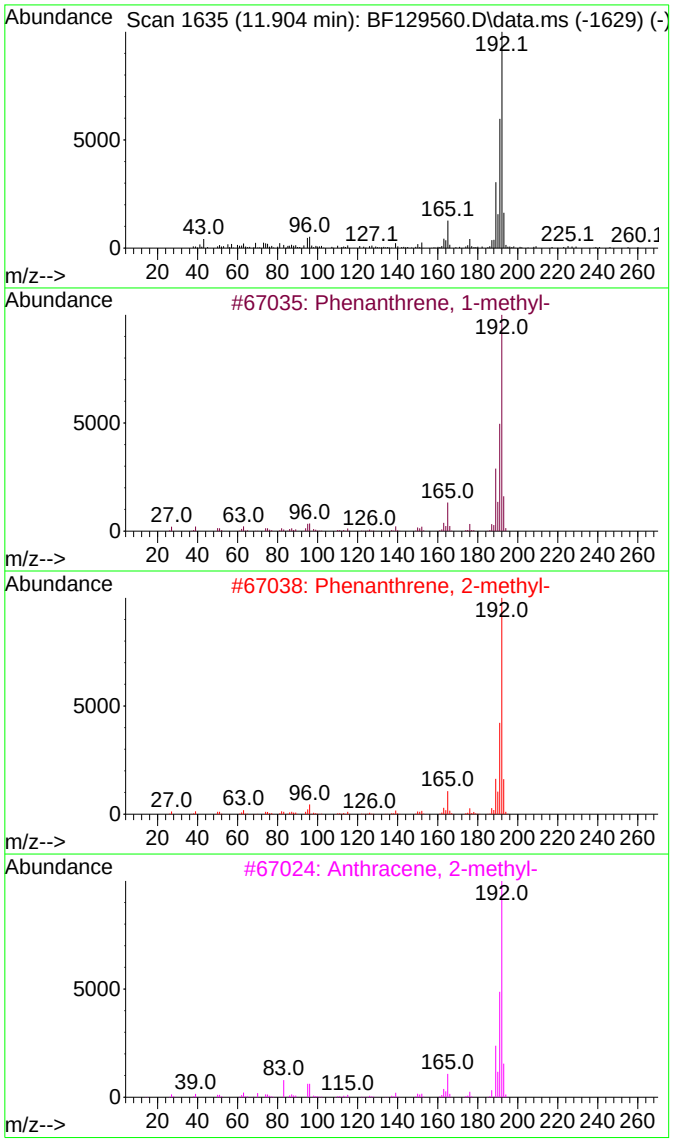
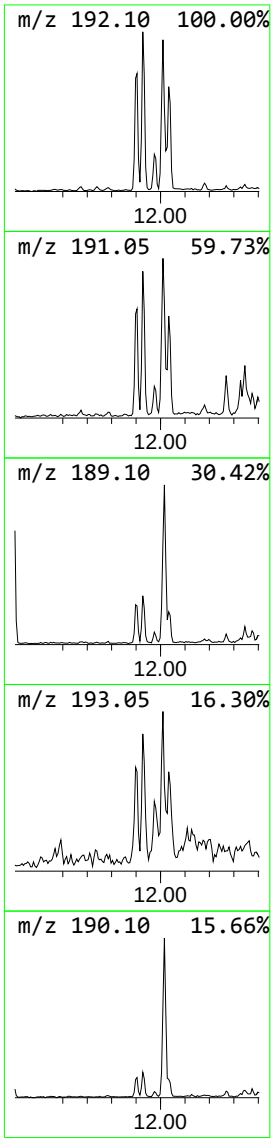
Peak Number 1 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.904	4.37 ng	172387	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129560.D
Acq On : 04 Aug 2022 01:59
Operator : CG\JU
Sample : N3998-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

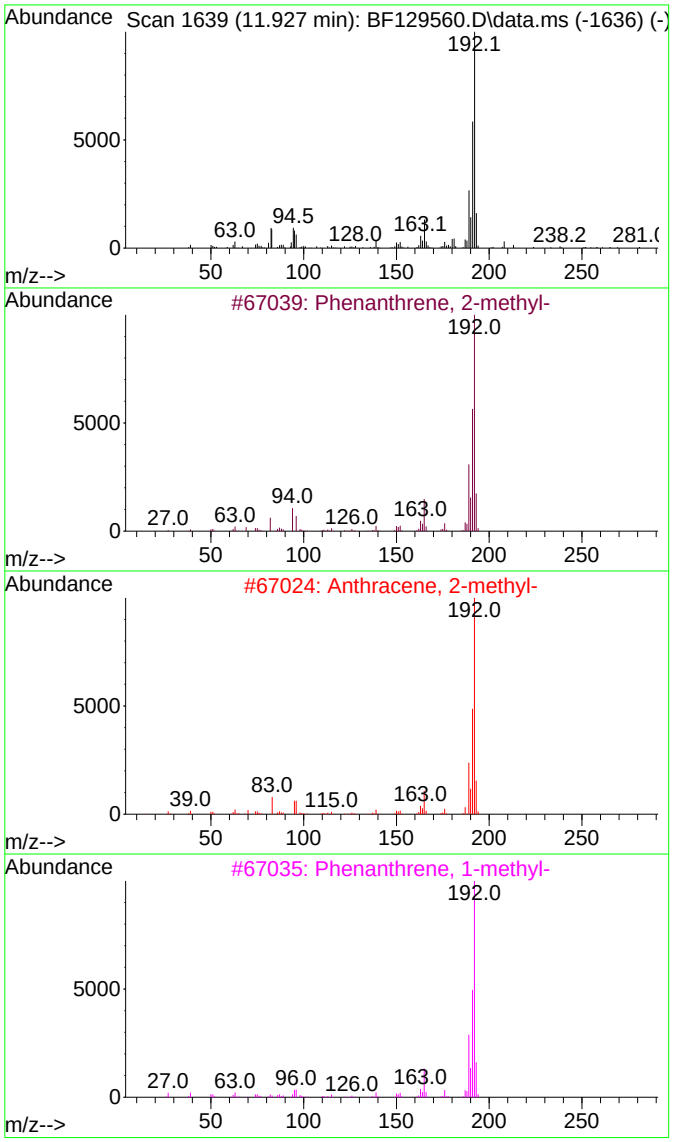
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

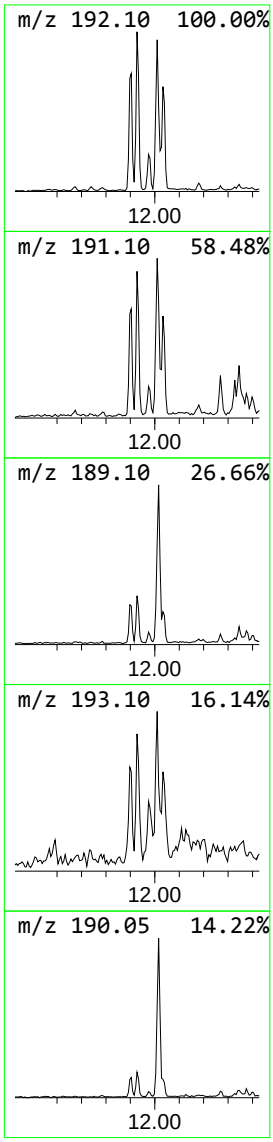
****

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	6.87 ng	270717	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129560.D
Acq On : 04 Aug 2022 01:59
Operator : CG\JU
Sample : N3998-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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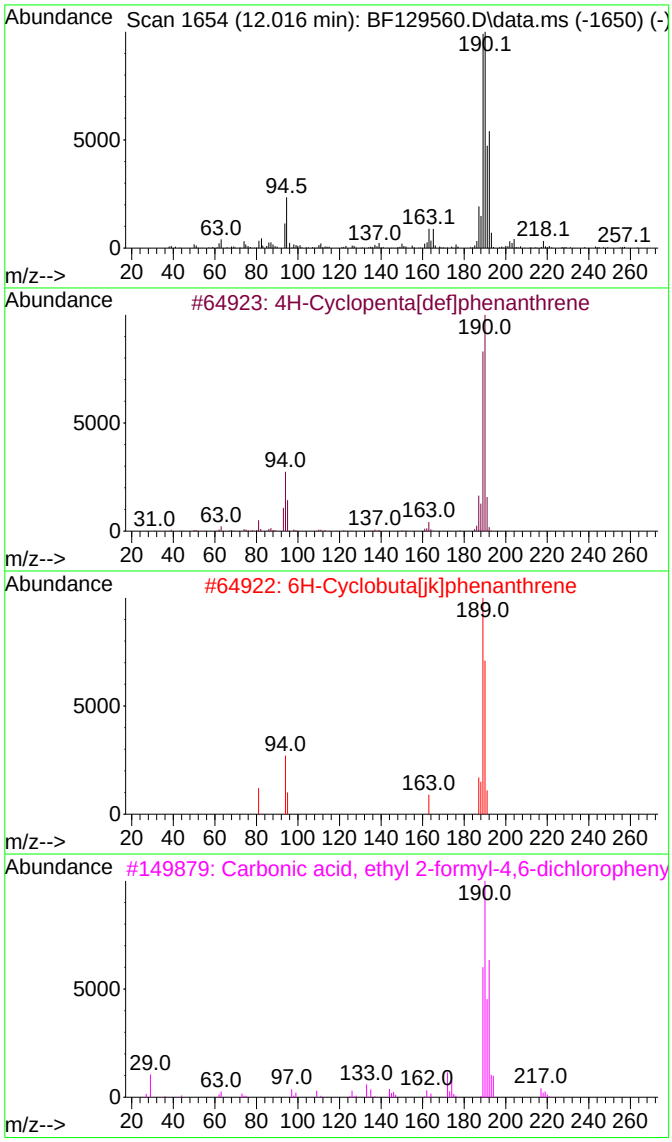
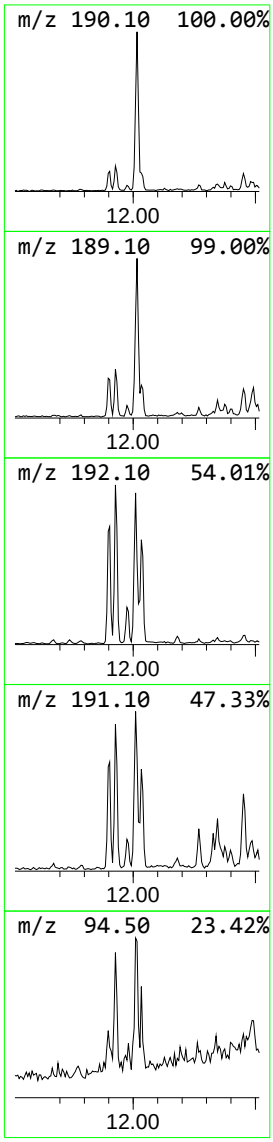
Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	7.47 ng	294510	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	58
3	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
4	Methyl diselenide	190	C2H6Se2	007101-31-7	45
5	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129560.D
Acq On : 04 Aug 2022 01:59
Operator : CG\JU
Sample : N3998-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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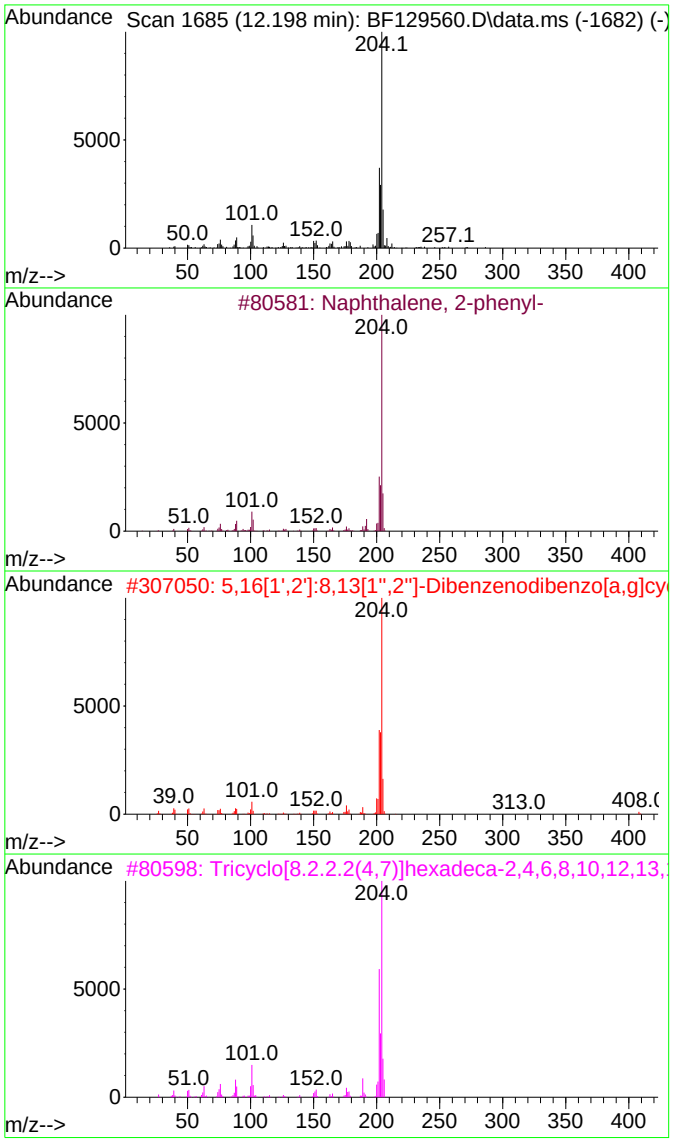
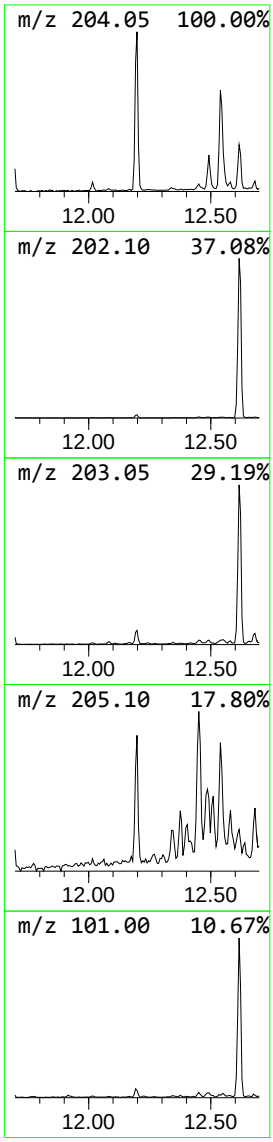
Peak Number 4 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	2.77 ng	109050	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	62
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129560.D
Acq On : 04 Aug 2022 01:59
Operator : CG\JU
Sample : N3998-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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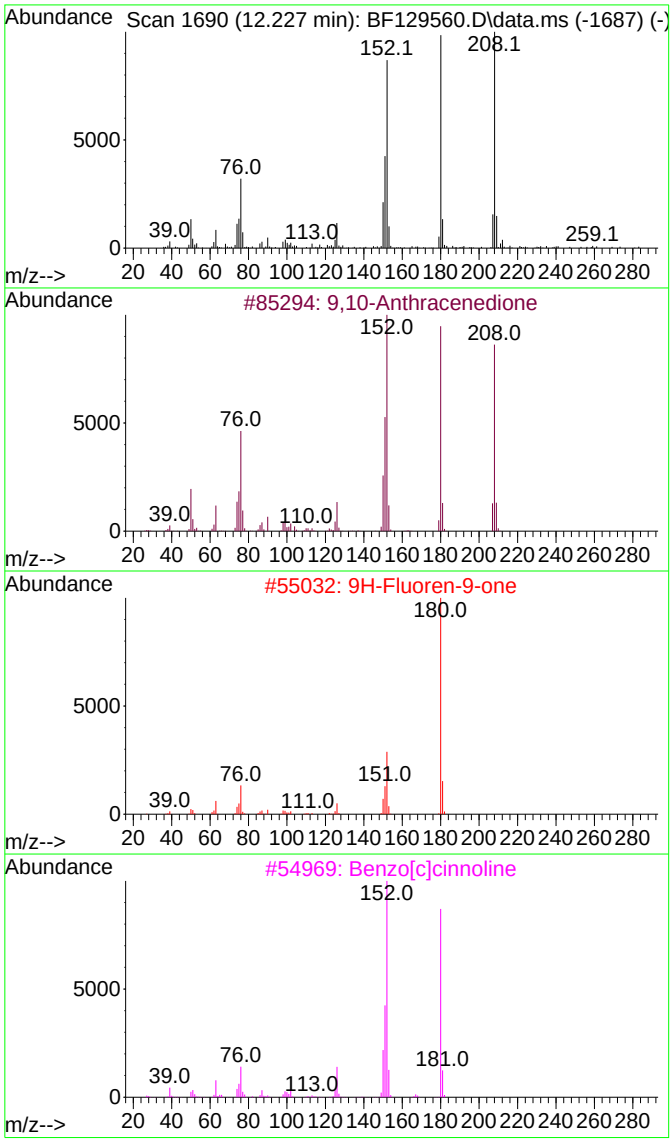
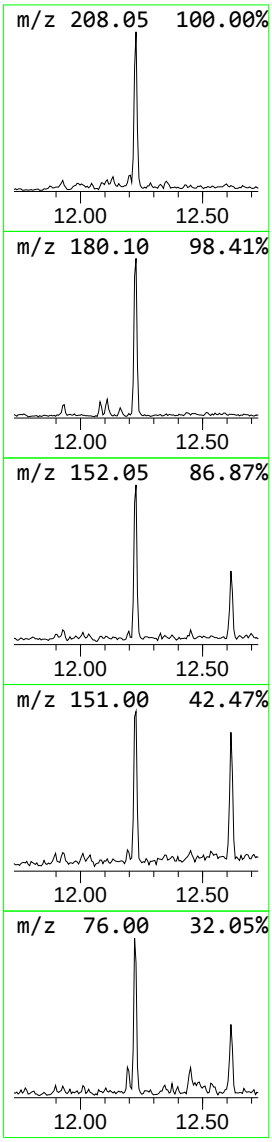
Peak Number 5 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.227	4.17 ng	164508	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129560.D
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Sample : N3998-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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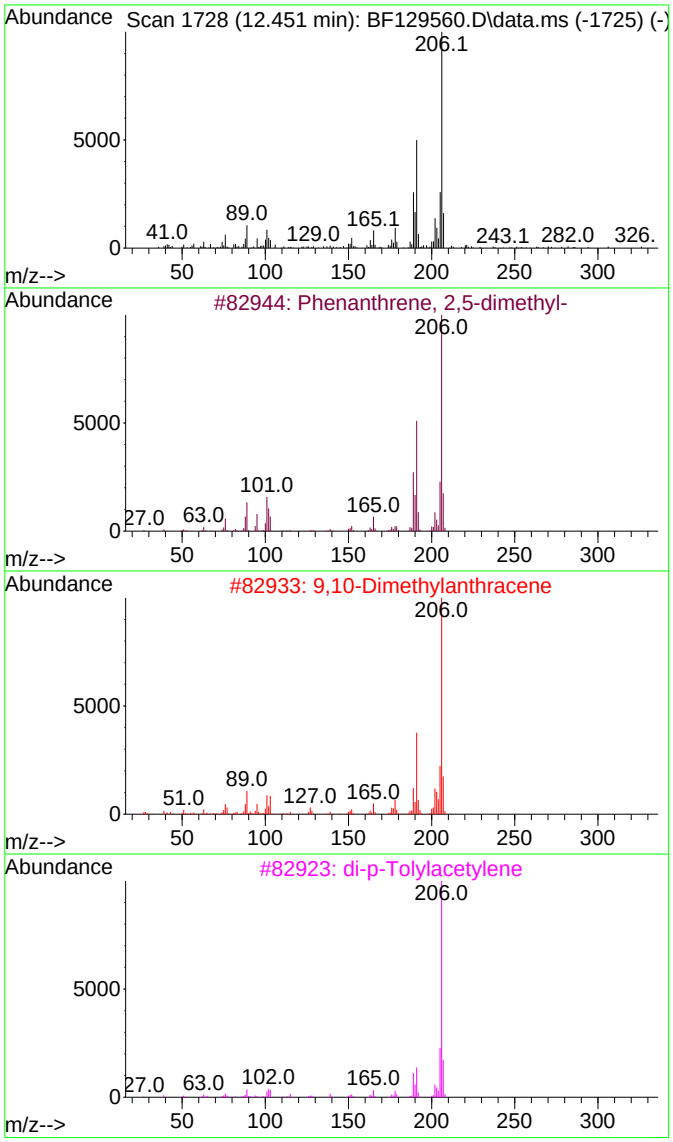
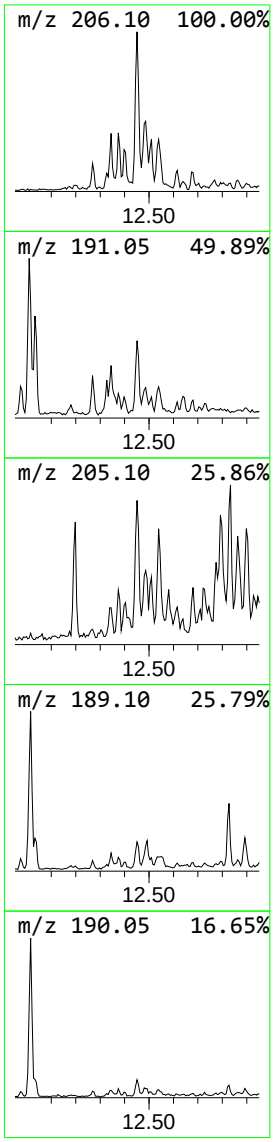
Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.451	3.32 ng	131093	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129560.D
Acq On : 04 Aug 2022 01:59
Operator : CG\JU
Sample : N3998-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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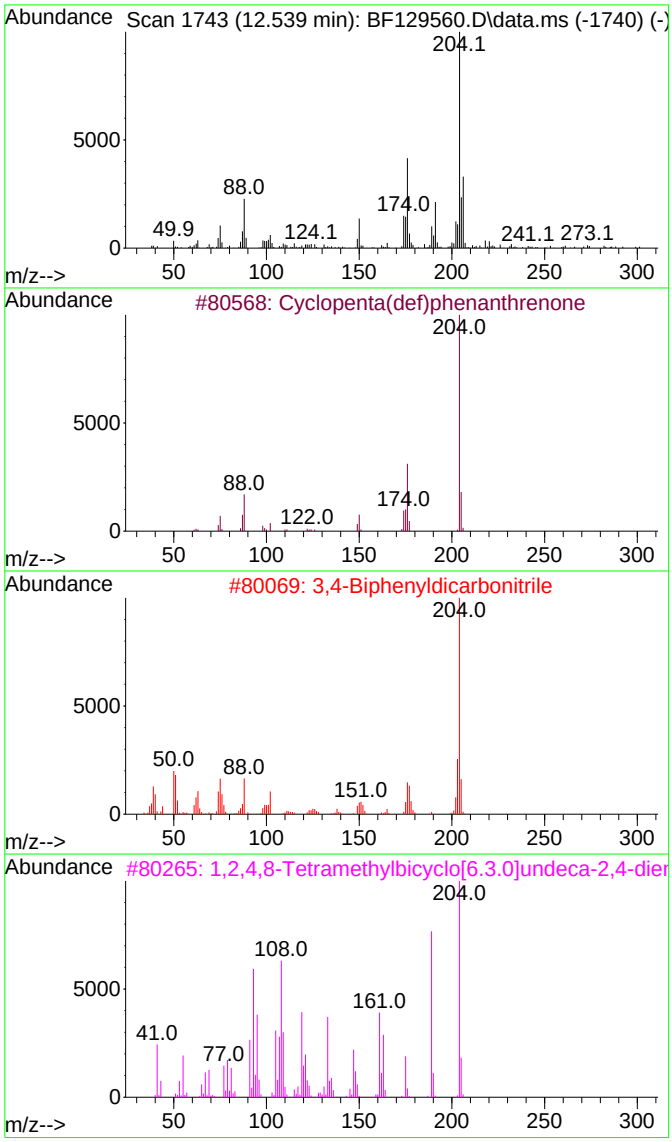
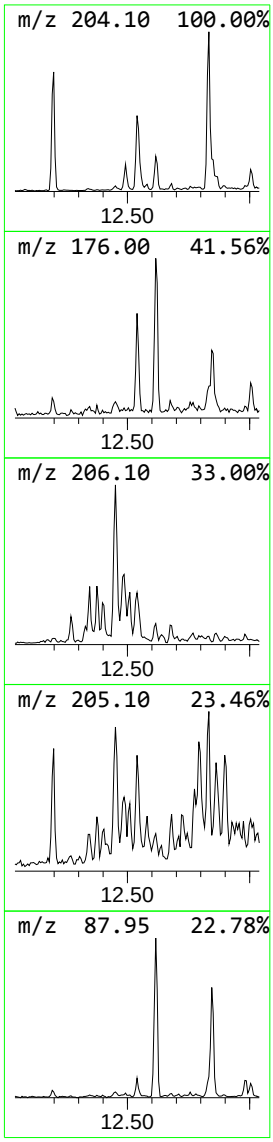
Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.539	3.40 ng	133987	Phenanthrene-d10	11.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38





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Acq On : 04 Aug 2022 01:59
Operator : CG\JU
Sample : N3998-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SS-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

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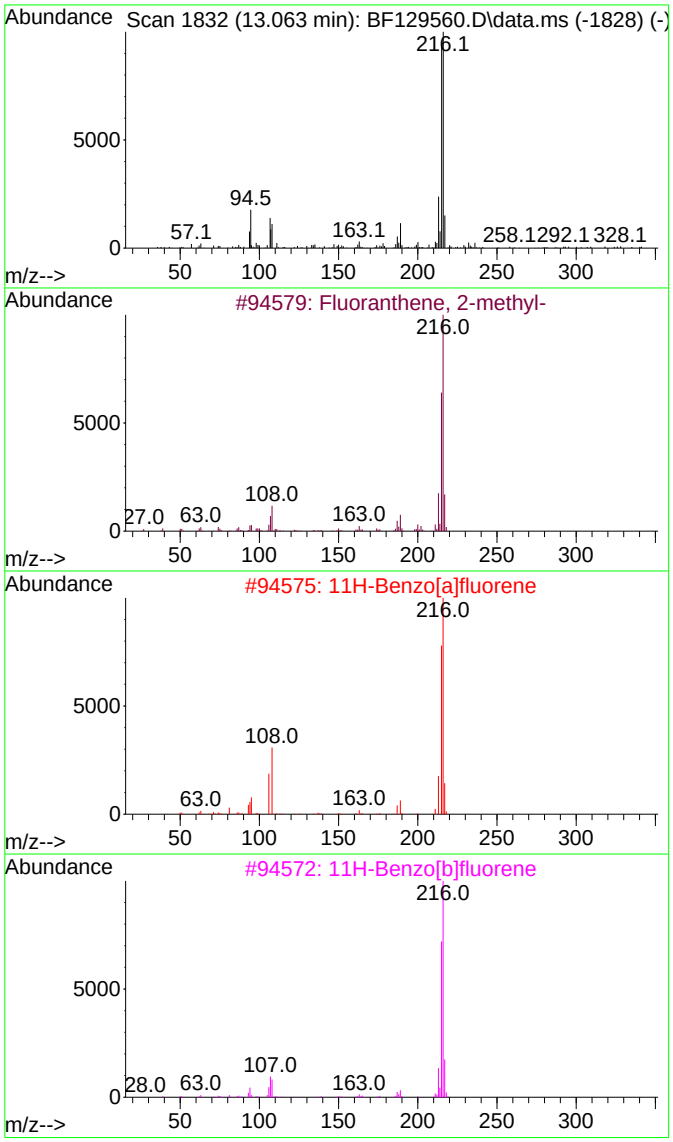
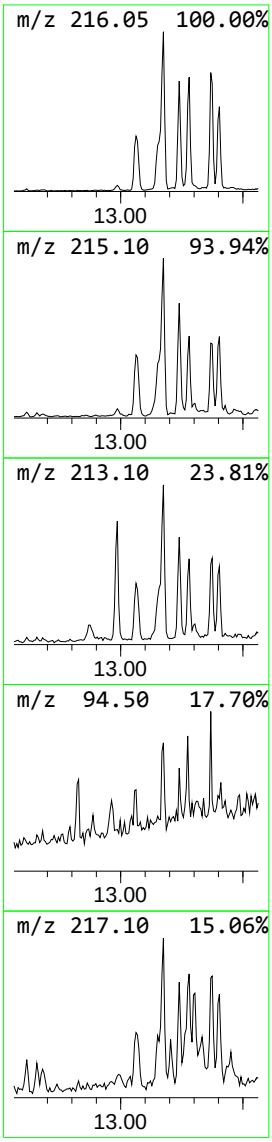
Peak Number 8 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.063	2.47 ng	175013	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	72
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64





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

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

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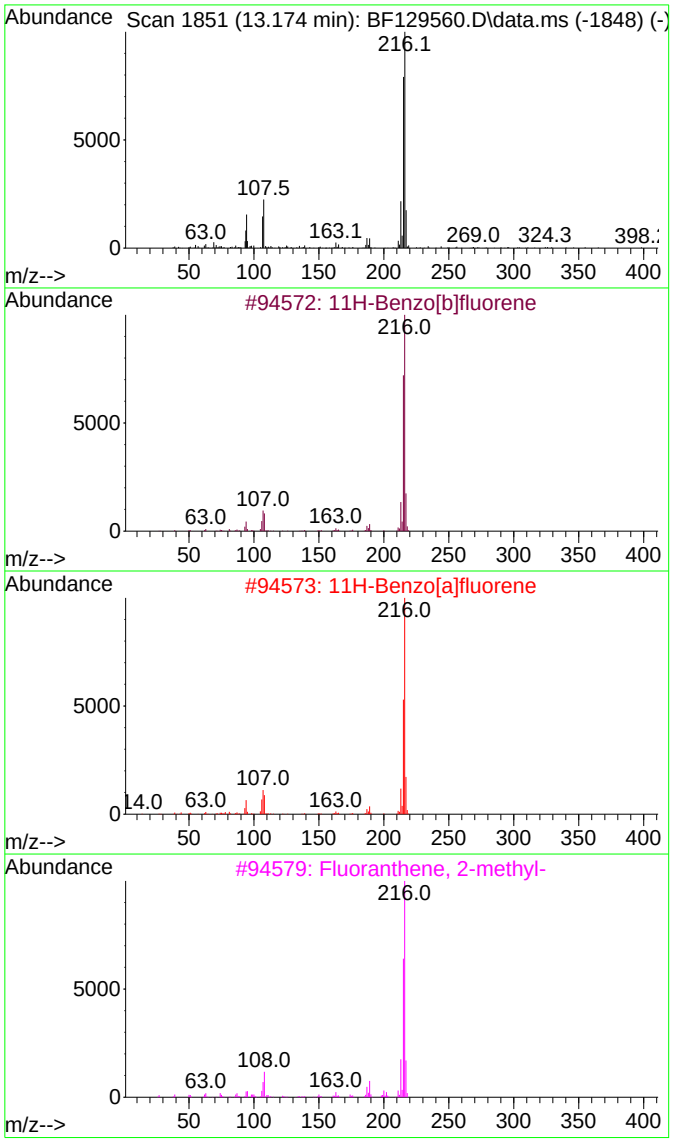
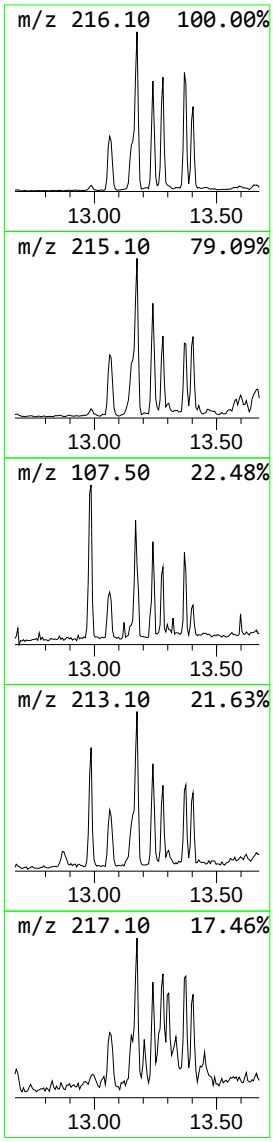
Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.174	3.47 ng	245840	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	68
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
5	.beta.-Carboline, 1,2,3,4-tetrah...	260	C14H16N2O3	029573-11-3	50





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ClientSampleId :
SS-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

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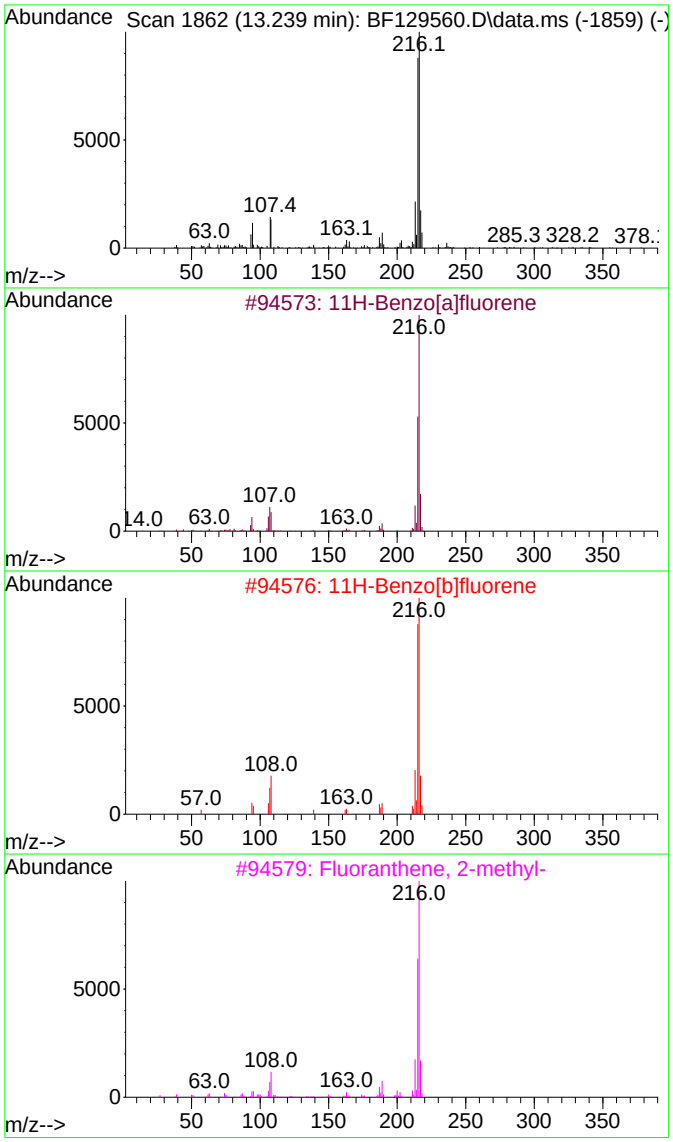
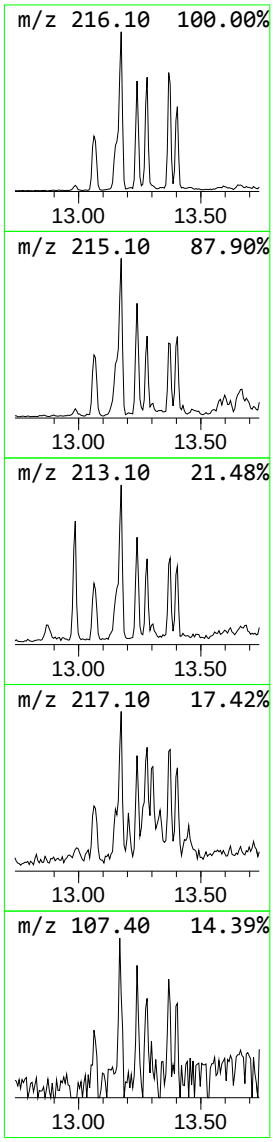
Peak Number 10 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.239	2.51 ng	178066	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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

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

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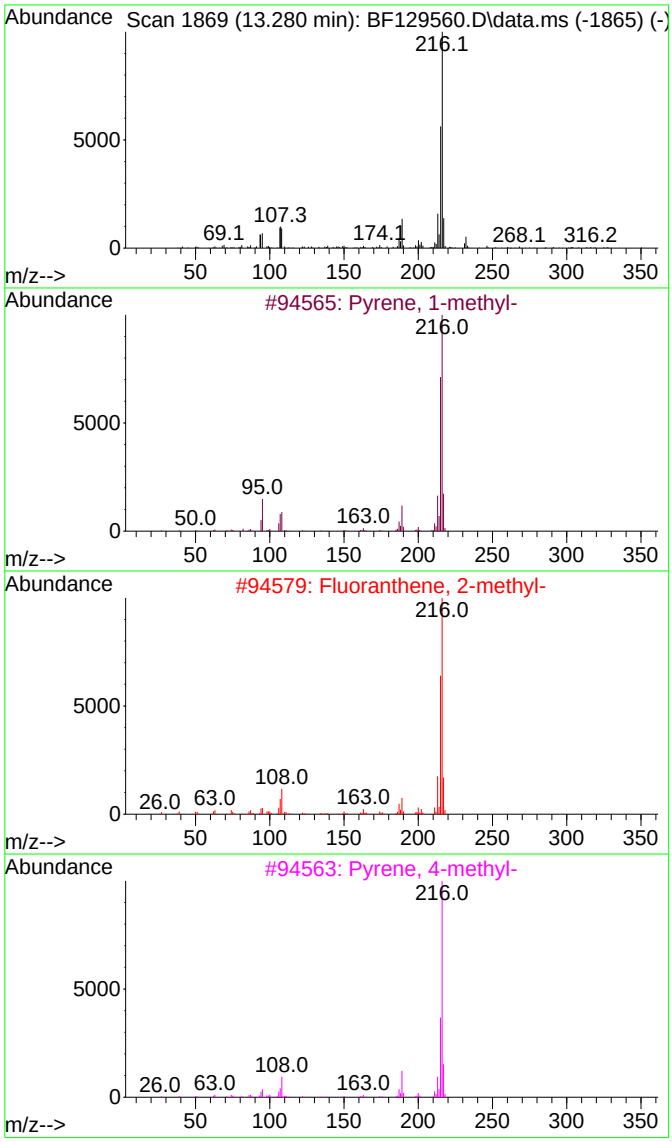
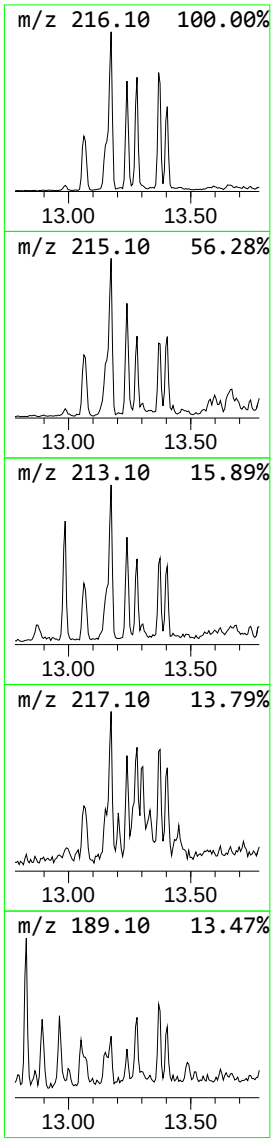
Peak Number 11 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.280	2.60 ng	184468	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	89
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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

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

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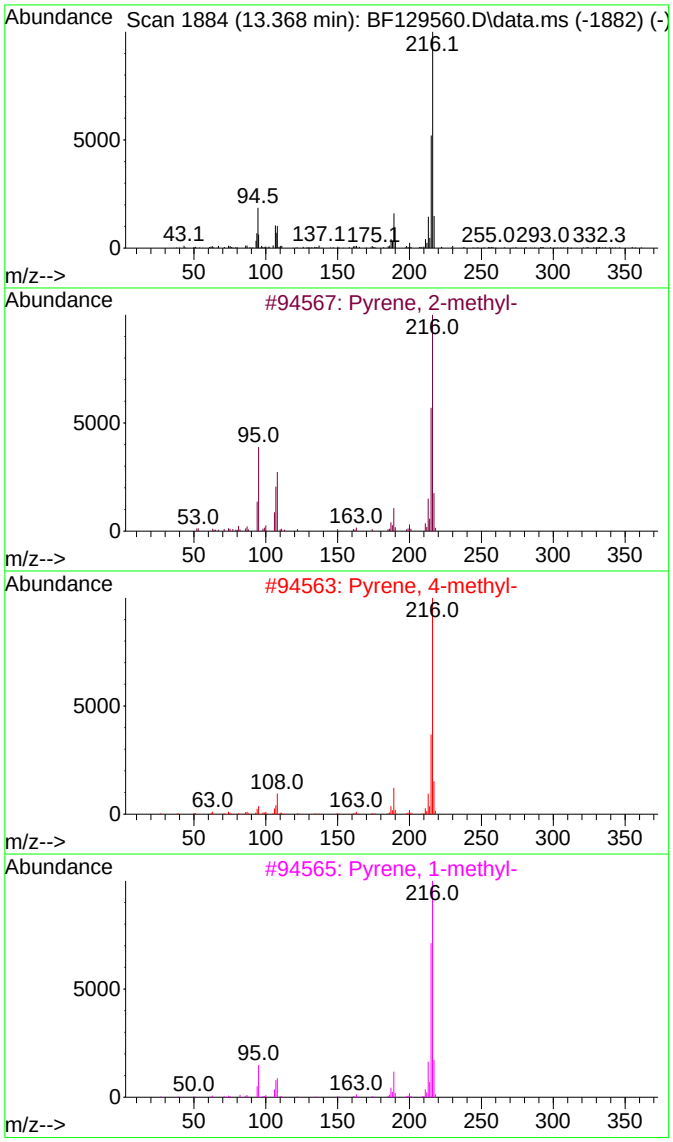
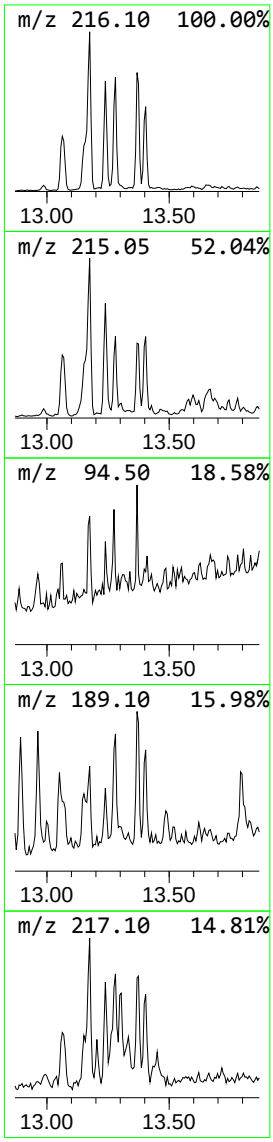
Peak Number 12 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.368	2.34 ng	166028	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	80
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





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Misc :
ALS Vial : 20 Sample Multiplier: 1

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

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

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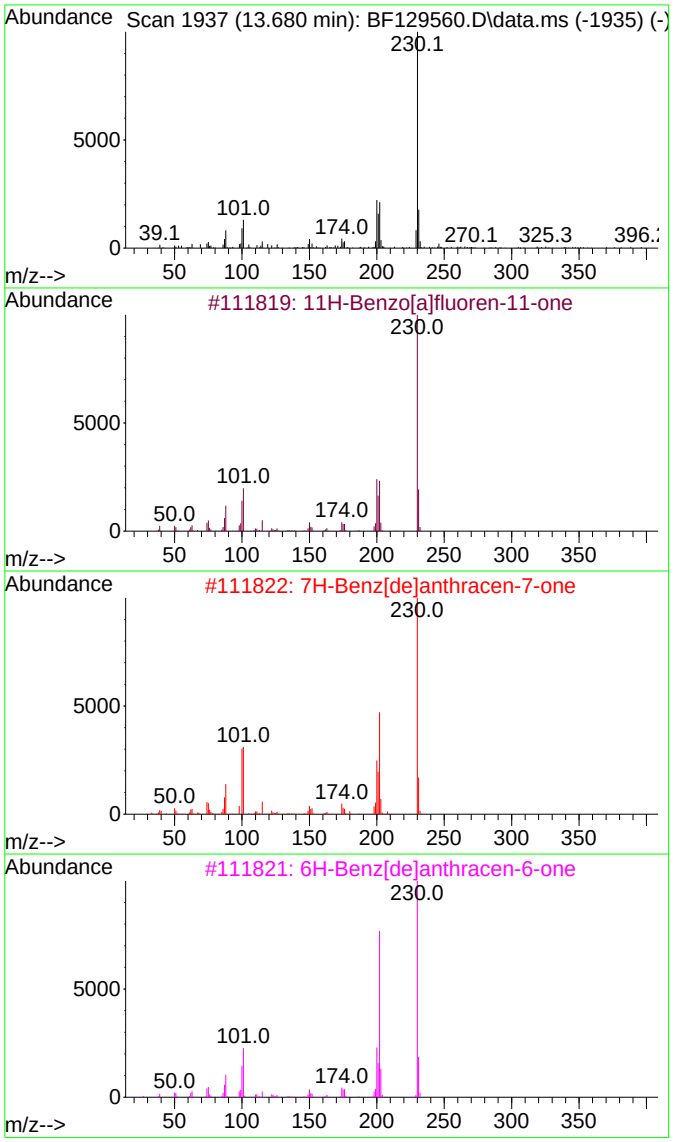
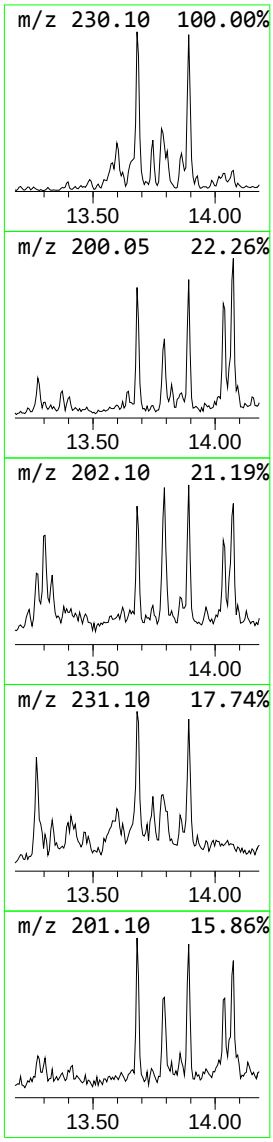
Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.680	2.43 ng	171933	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	74
4	o-Terphenyl	230	C18H14	000084-15-1	59
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	59





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Operator : CG\JU
Sample : N3998-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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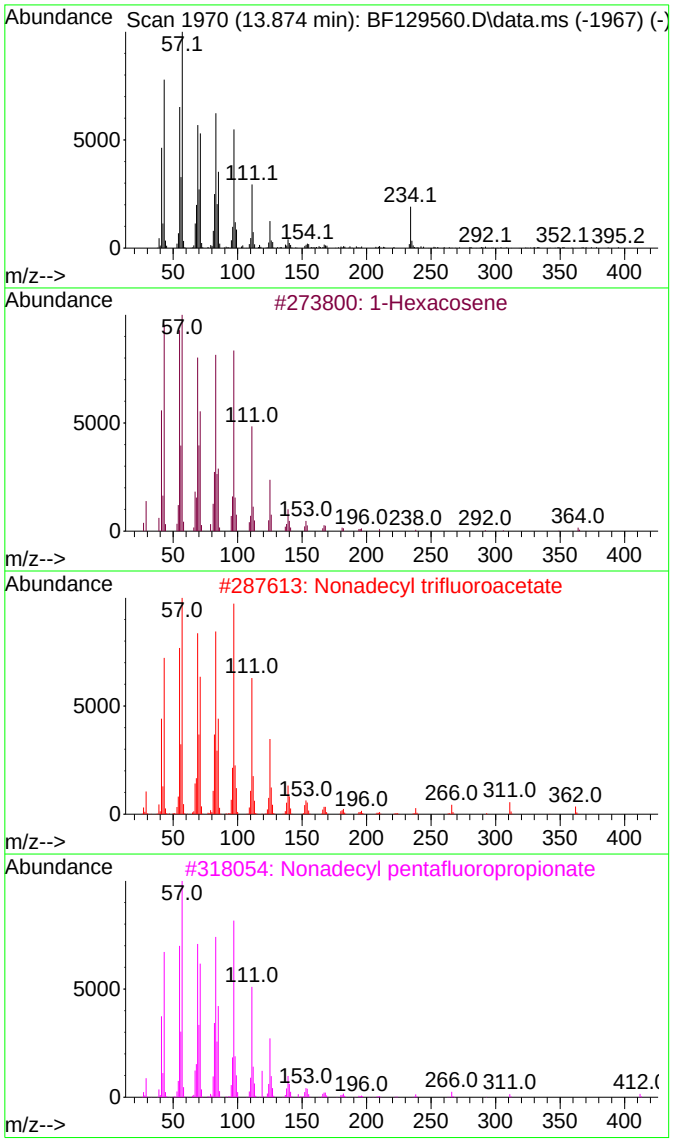
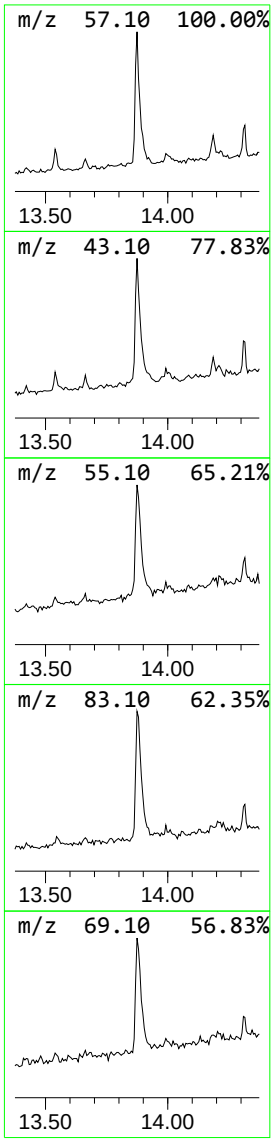
Peak Number 14 1-Hexacosene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.874	11.50 ng	814519	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	91
2	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90
3	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	90
4	Eicosyl heptafluorobutyrate	494	C24H41F7O2	1000351-83-5	90
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	87





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

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

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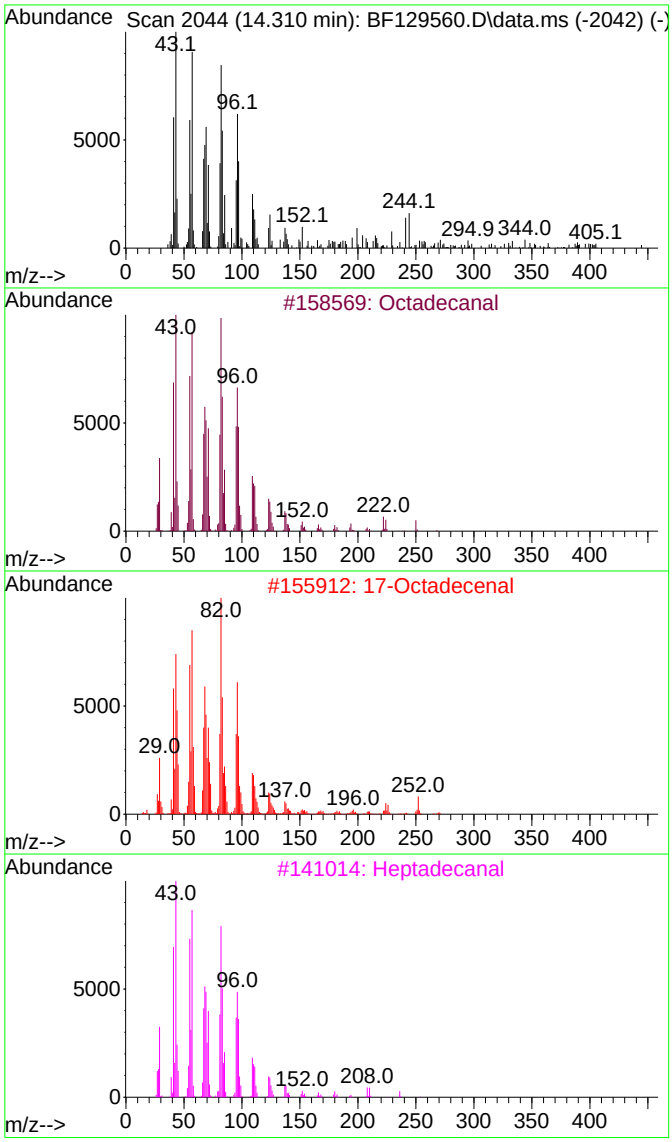
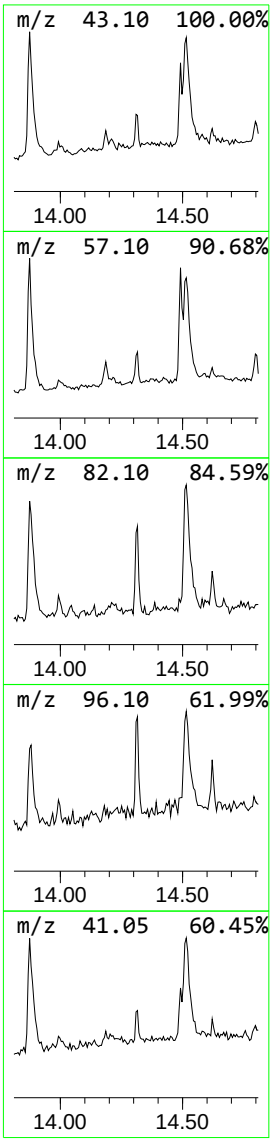
Peak Number 15 Octadecanal Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.310	2.29 ng	161909	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	91
2	17-Octadecenal	266	C18H34O	056554-86-0	91
3	Heptadecanal	254	C17H34O	1000376-70-0	91
4	Hexadecanal	240	C16H32O	000629-80-1	91
5	14-Octadecenal	266	C18H34O	056554-89-3	87





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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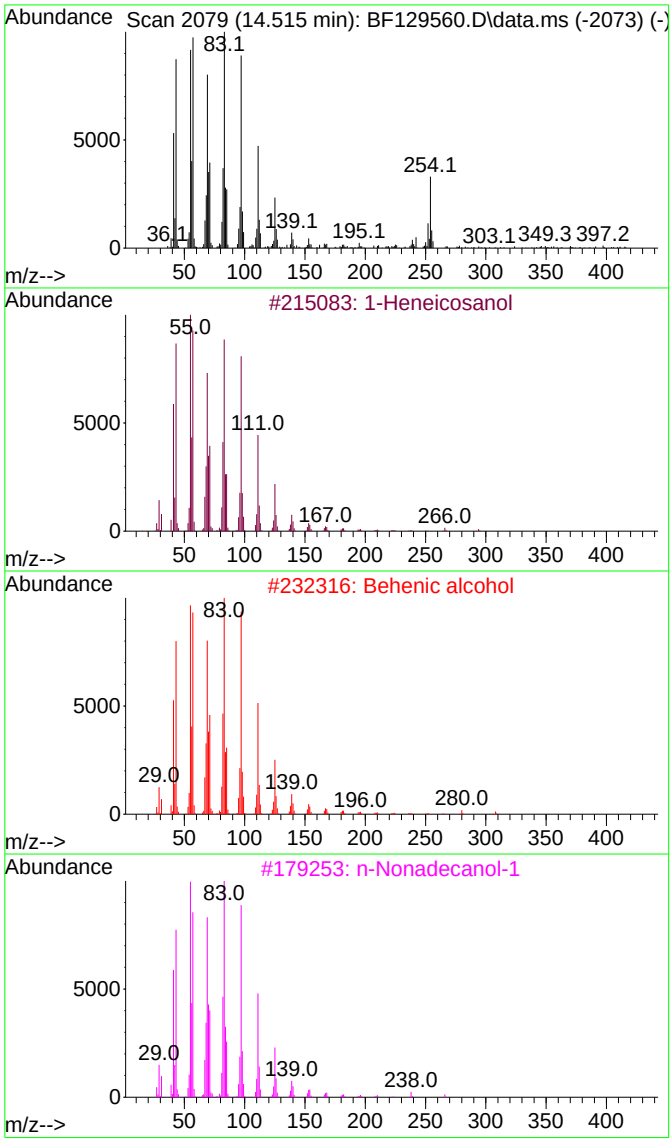
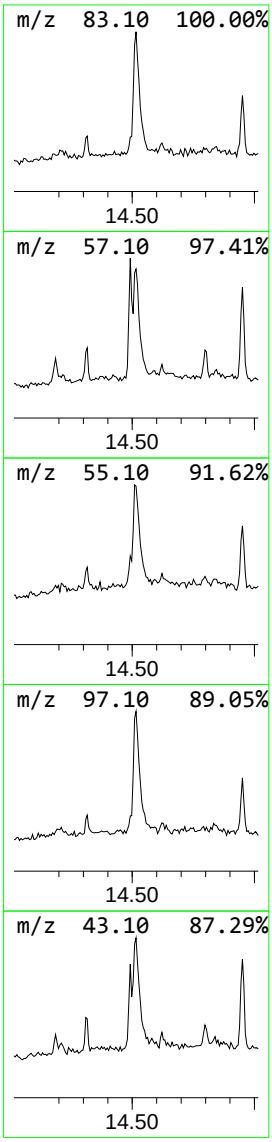
Peak Number 16 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.515	12.12 ng	858098	Chrysene-d12	14.045

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	93
5	1-Nonadecene	266	C19H38	018435-45-5	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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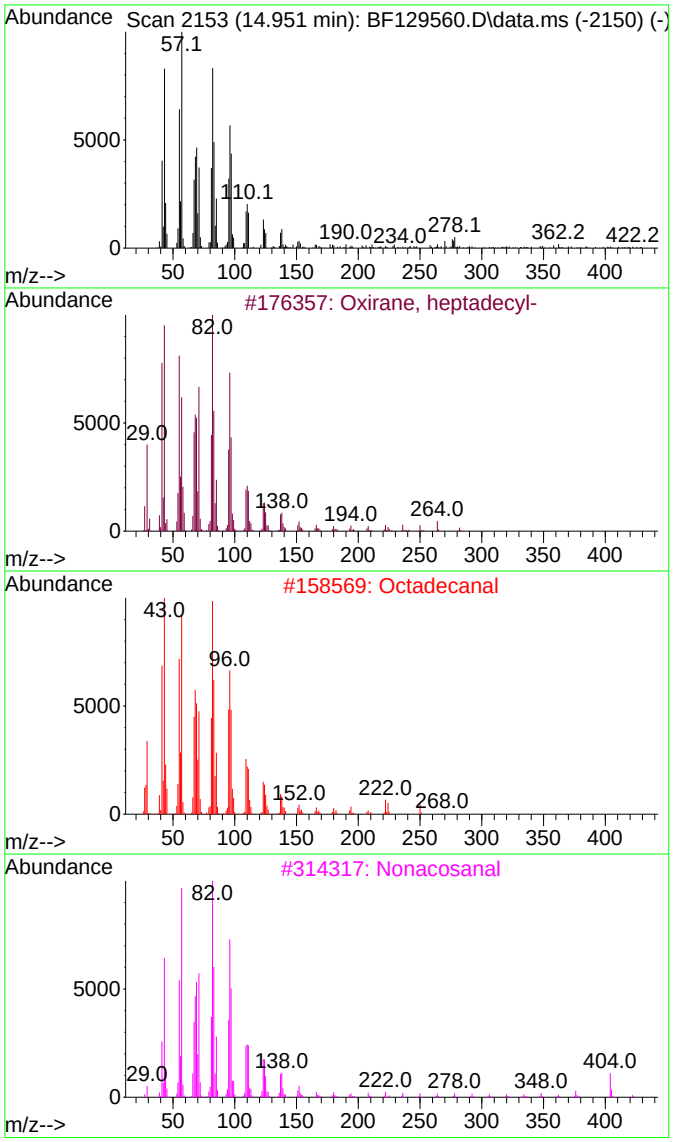
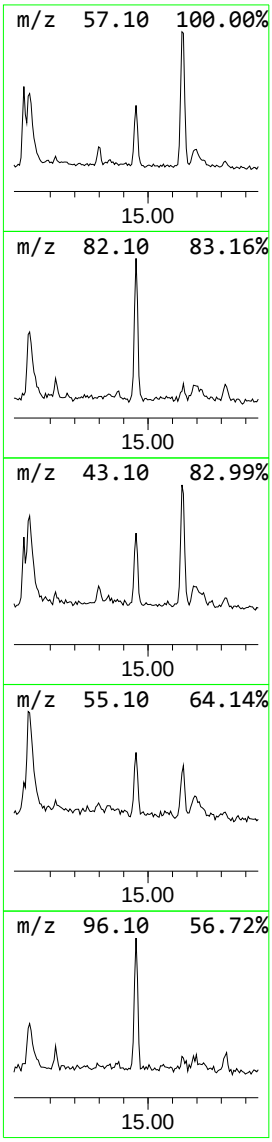
Peak Number 17 Oxirane, heptadecyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.951	16.14 ng	428714	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	93
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Nonacosanal	422	C29H58O	072934-04-4	91
4	Tetradecanal	212	C14H28O	000124-25-4	91
5	17-Octadecenal	266	C18H34O	056554-86-0	91





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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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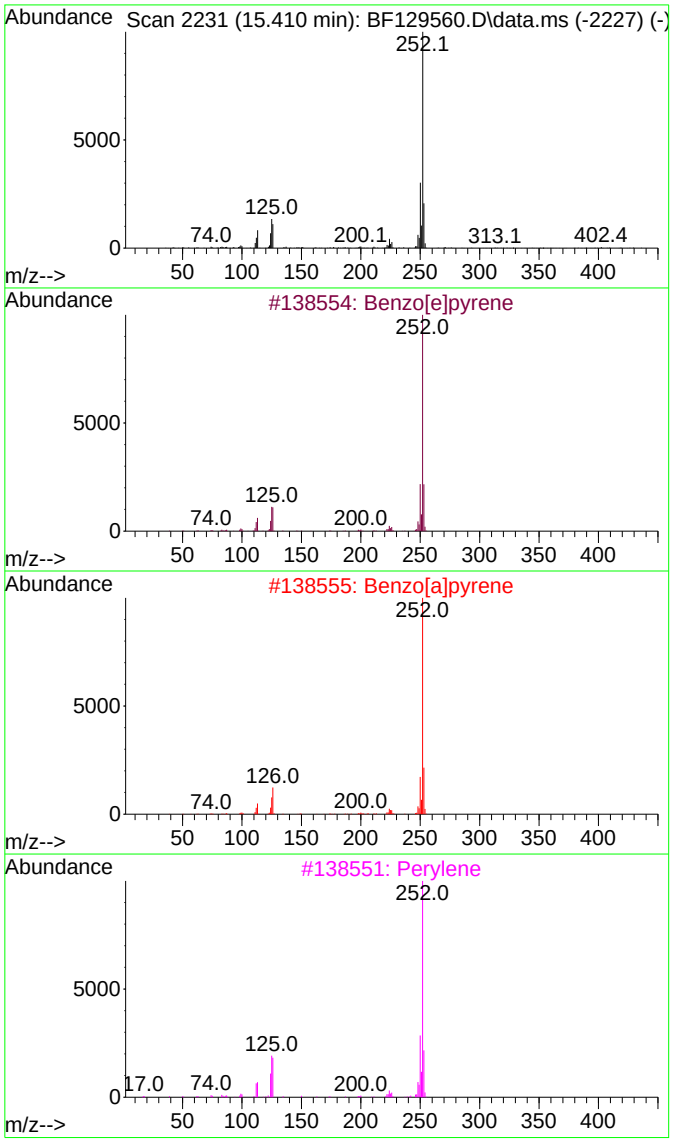
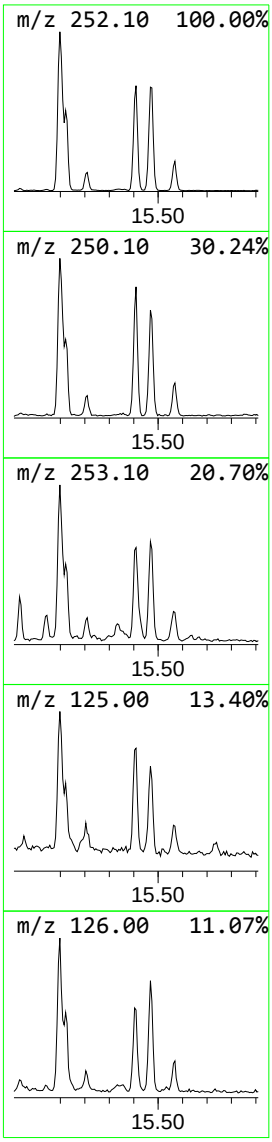
Peak Number 18 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.410	20.90 ng	555002	Perylene-d12	15.533

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	97
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





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Operator : CG\JU
Sample : N3998-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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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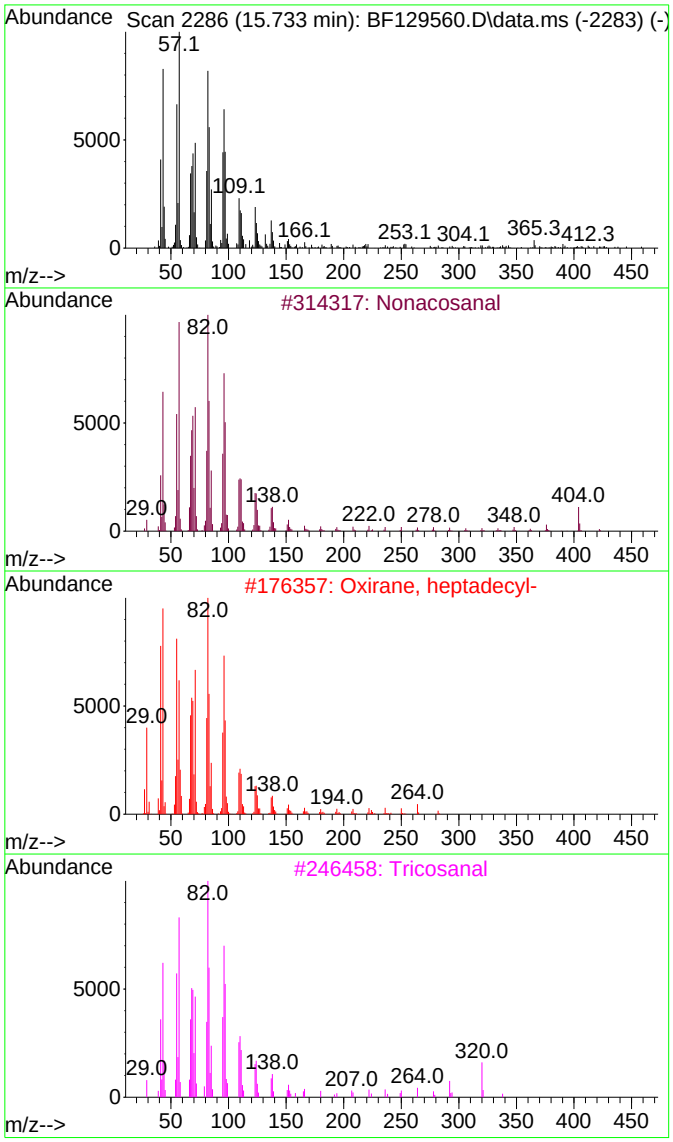
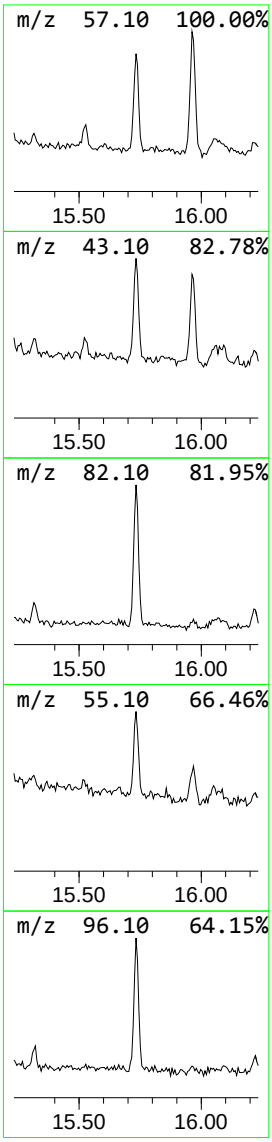
Peak Number 19 Nonacosanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.733	19.44 ng	516129	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosanal	422	C29H58O	072934-04-4	95
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	94
3	Tricosanal	338	C23H46O	072934-02-2	93
4	Hexacosanal	380	C26H52O	026627-85-0	93
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129560.D
Acq On : 04 Aug 2022 01:59
Operator : CG\JU
Sample : N3998-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

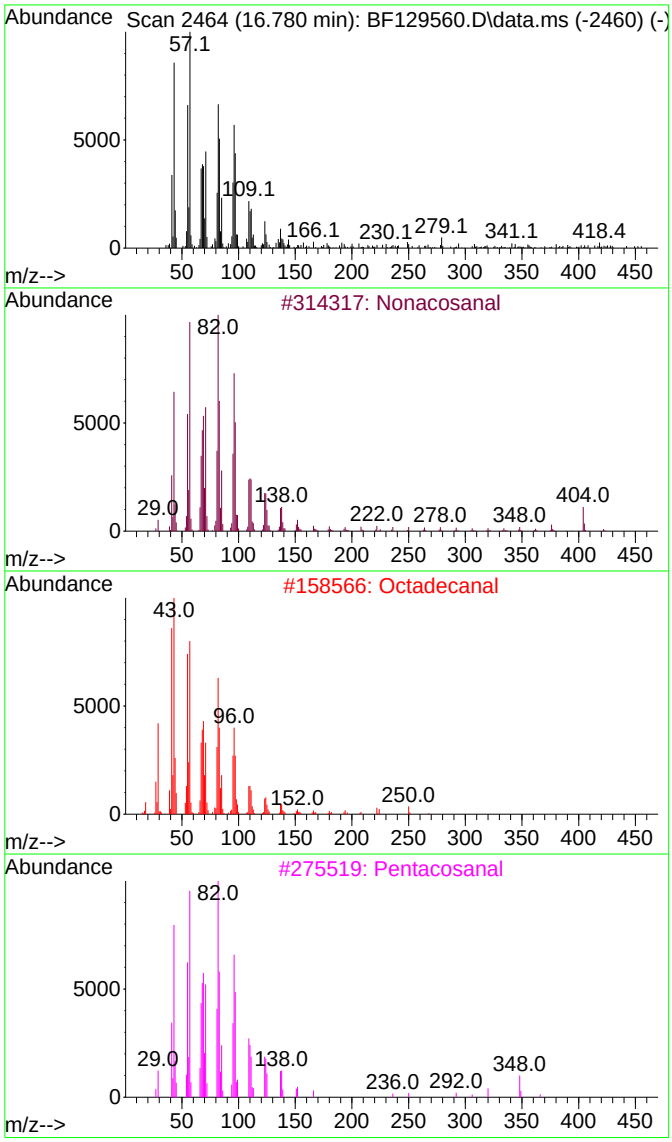
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

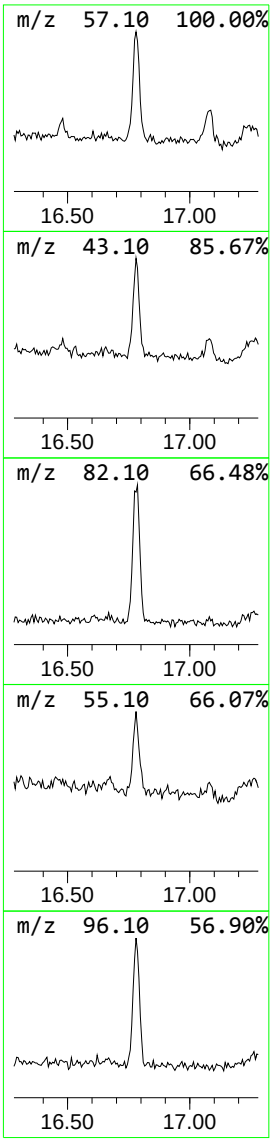
****

Peak Number 20 Pentacosanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.780	13.95 ng	370543	Perylene-d12	15.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosanal	422	C29H58O	072934-04-4	94
2	Octadecanal	268	C18H36O	000638-66-4	94
3	Pentacosanal	366	C25H50O	058196-28-4	91
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5	Z-14-Octadecen-1-ol acetate	310	C20H38O2	1010131-07-6	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080322\
Data File : BF129560.D
Acq On : 04 Aug 2022 01:59
Operator : CG\JU
Sample : N3998-08
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.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
Phenanthrene, 1...	11.904	4.4	ng	172387	4	11.398	788598	20.0
Phenanthrene, 2...	11.927	6.9	ng	270717	4	11.398	788598	20.0
4H-Cyclopenta[d...	12.016	7.5	ng	294510	4	11.398	788598	20.0
Naphthalene, 2-...	12.198	2.8	ng	109050	4	11.398	788598	20.0
9,10-Anthracene...	12.227	4.2	ng	164508	4	11.398	788598	20.0
Phenanthrene, 2...	12.451	3.3	ng	131093	4	11.398	788598	20.0
Cyclopenta(def)...	12.539	3.4	ng	133987	4	11.398	788598	20.0
Fluoranthene, 2...	13.063	2.5	ng	175013	5	14.045	1416480	20.0
11H-Benzo[b]flu...	13.174	3.5	ng	245840	5	14.045	1416480	20.0
11H-Benzo[a]flu...	13.239	2.5	ng	178066	5	14.045	1416480	20.0
Pyrene, 1-methyl-	13.280	2.6	ng	184468	5	14.045	1416480	20.0
Pyrene, 2-methyl-	13.368	2.3	ng	166028	5	14.045	1416480	20.0
11H-Benzo[a]flu...	13.680	2.4	ng	171933	5	14.045	1416480	20.0
1-Hexacosene	13.874	11.5	ng	814519	5	14.045	1416480	20.0
Octadecanal	14.310	2.3	ng	161909	5	14.045	1416480	20.0
1-Heneicosanol	14.515	12.1	ng	858098	5	14.045	1416480	20.0
Oxirane, heptad...	14.951	16.1	ng	428714	6	15.533	531132	20.0
Benzo[e]pyrene	15.410	20.9	ng	555002	6	15.533	531132	20.0
Nonacosanal	15.733	19.4	ng	516129	6	15.533	531132	20.0
Pentacosanal	16.780	13.9	ng	370543	6	15.533	531132	20.0