LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129662.D
Acq On : 09 Aug 2022 12:31
Operator : CG\JU
Sample : N4023-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1-6

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: BF129662.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.875	266	270	276	rVB	48492	65251	1.39%	0.100%
2	5.063	469	472	479	rVB	49493	57284	1.22%	0.088%
3	5.475	538	542	555	rBV	3522283	3211652	68.63%	4.939%
4	6.492	710	715	725	rBV	3516369	3254076	69.53%	5.004%
5	6.840	770	774	777	rBV	1006841	820002	17.52%	1.261%
6	7.404	866	870	873	rBV	2347611	2130838	45.53%	3.277%
7	8.122	988	992	994	rBV	1456108	1132088	24.19%	1.741%
8	8.139	994	995	998	rVB	211887	148646	3.18%	0.229%
9	8.834	1110	1113	1119	rBV	122613	108793	2.32%	0.167%
10	8.934	1127	1130	1133	rVB	81450	62283	1.33%	0.096%
11	9.198	1170	1175	1178	rBV	5014535	4114242	87.91%	6.327%
12	9.263	1182	1186	1189	rBV	69927	65726	1.40%	0.101%
13	9.463	1215	1220	1223	rBV	39991	55573	1.19%	0.085%
14	9.533	1228	1232	1234	rBV	74548	77808	1.66%	0.120%
15	9.739	1263	1267	1270	rBV	139581	119856	2.56%	0.184%
16	9.880	1287	1291	1293	rVV	1395548	1267343	27.08%	1.949%
17	9.910	1293	1296	1299	rVB	408896	308562	6.59%	0.474%
18	10.081	1321	1325	1329	rBV	262753	217219	4.64%	0.334%
19	10.428	1380	1384	1389	rBV	305431	296309	6.33%	0.456%
20	10.580	1408	1410	1414	rVB	98153	79660	1.70%	0.122%
21	10.675	1421	1426	1429	rBV	3190669	2847276	60.84%	4.378%
22	10.975	1470	1477	1479	rBV4	86784	146599	3.13%	0.225%
23	11.033	1484	1487	1490	rBV4	42011	62791	1.34%	0.097%
24	11.098	1494	1498	1501	rBV3	68696	97916	2.09%	0.151%
25	11.175	1508	1511	1514	rBV	216416	172440	3.68%	0.265%
26	11.222	1515	1519	1522	rBV3	111994	164135	3.51%	0.252%
27	11.263	1523	1526	1530	rVB	240470	214475	4.58%	0.330%
28	11.369	1540	1544	1546	rBV	1463153	1382111	29.53%	2.125%
29	11.398	1546	1549	1552	rVV	3966445	3310984	70.75%	5.091%
30	11.445	1552	1557	1560	rVV	906297	727913	15.55%	1.119%
31	11.604	1579	1584	1588	rBV2	584004	611947	13.08%	0.941%
32	11.663	1592	1594	1597	rVV2	93825	90060	1.92%	0.138%
33	11.704	1598	1601	1605	rVV5	98377	137548	2.94%	0.212%
34	11.869	1626	1629	1632	rBV	446455	478079	10.22%	0.735%
35	11.898	1632	1634	1637	rVV	945834	811065	17.33%	1.247%
36	11.945	1640	1642	1645	rVV	277295	284017	6.07%	0.437%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129662.D
Acq On : 09 Aug 2022 12:31
Operator : CG\JU
Sample : N4023-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1-6

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	11.986	1645	1649	1651	rVV2	677304	705480	15.07%	1.085%
38	12.004	1651	1652	1657	rVB	300696	243804	5.21%	0.375%
39	12.051	1658	1660	1663	rBV3	128593	125122	2.67%	0.192%
40	12.169	1677	1680	1682	rBV	377029	337099	7.20%	0.518%
41	12.198	1682	1685	1689	rVB	452384	411159	8.79%	0.632%
42	12.516	1736	1739	1742	rBV2	290744	332690	7.11%	0.512%
43	12.598	1748	1753	1756	rBV	4655034	4599243	98.28%	7.072%
44	12.827	1785	1792	1795	rBV2	4071120	4679934	100.00%	7.196%
45	12.963	1811	1815	1818	rVB	4228778	3618453	77.32%	5.564%
46	13.151	1845	1847	1849	rVB	535395	427404	9.13%	0.657%
47	13.216	1856	1858	1860	rBV	328092	246297	5.26%	0.379%
48	13.663	1932	1934	1939	rVB	455332	428901	9.16%	0.660%
49	13.774	1950	1953	1955	rBV2	311527	289393	6.18%	0.445%
50	13.798	1955	1957	1959	rVB	372327	276369	5.91%	0.425%
51	13.827	1959	1962	1963	rBV	264306	280657	6.00%	0.432%
52	14.021	1990	1995	1998	rBV2	2108412	3282439	70.14%	5.047%
53	14.057	1998	2001	2008	rVB	2064798	2044603	43.69%	3.144%
54	14.133	2011	2014	2016	rBV	293609	228720	4.89%	0.352%
55	14.410	2059	2061	2064	rVB	392890	316363	6.76%	0.486%
56	15.080	2169	2175	2177	rBV	1667318	2768541	59.16%	4.257%
57	15.104	2177	2179	2184	rVB2	1260967	1211384	25.88%	1.863%
58	15.157	2185	2188	2190	rBV2	292290	399070	8.53%	0.614%
59	15.380	2222	2226	2232	rVB	1112912	1409536	30.12%	2.167%
60	15.445	2232	2237	2241	rVV	1599948	1968484	42.06%	3.027%
61	15.504	2244	2247	2250	rVV	806462	1068118	22.82%	1.642%
62	15.539	2250	2253	2259	rVB2	458537	628093	13.42%	0.966%
63	15.686	2276	2278	2283	rVB2	237489	287654	6.15%	0.442%
64	15.915	2314	2317	2326	rVB2	358603	578506	12.36%	0.890%
65	16.998	2494	2501	2509	rVB	796519	1662077	35.51%	2.556%
66	17.445	2572	2577	2587	rVB	495561	1043694	22.30%	1.605%

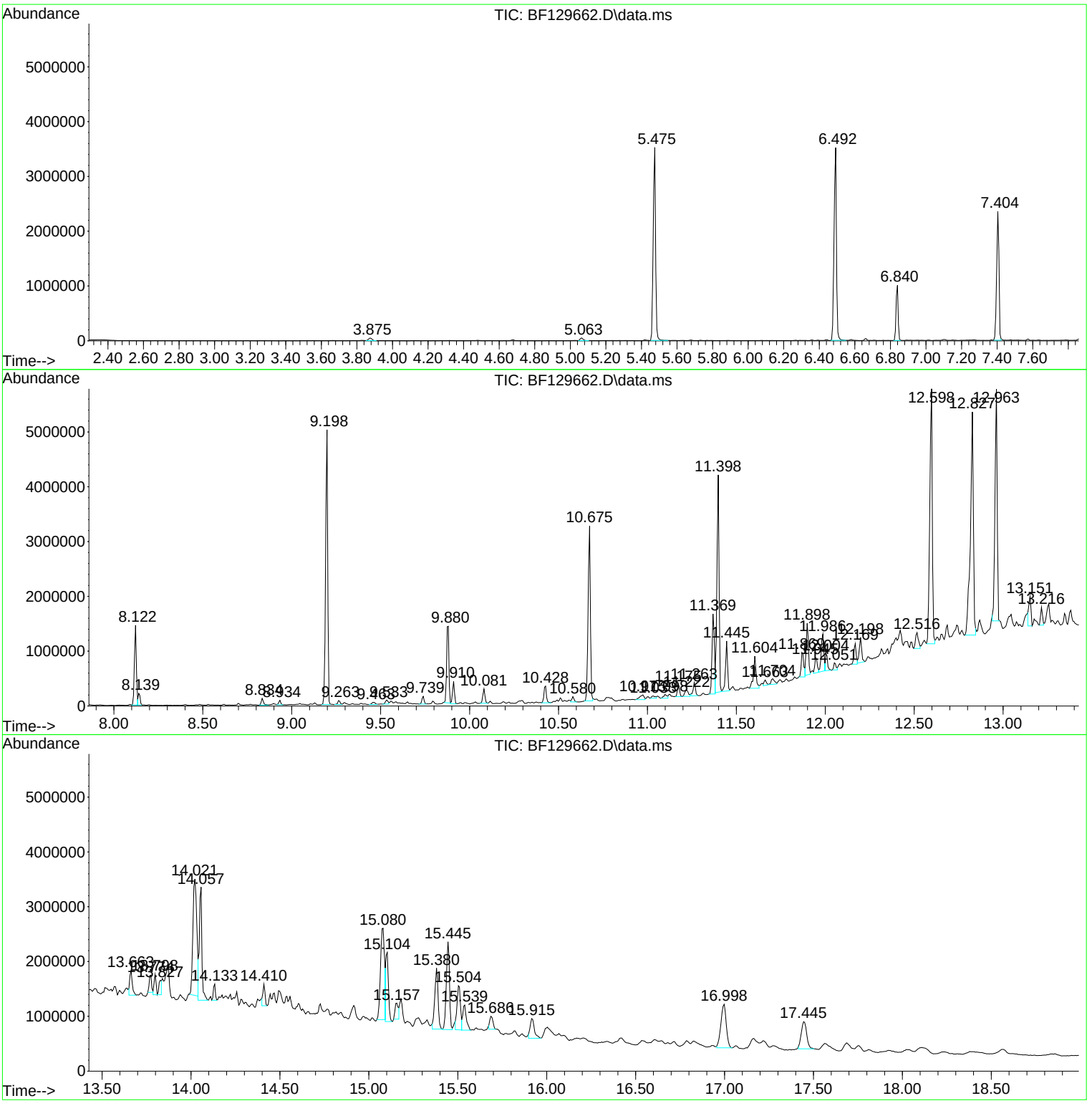
Sum of corrected areas: 65031854

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129662.D
Acq On : 09 Aug 2022 12:31
Operator : CG\JU
Sample : N4023-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1-6

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\BF080922\
Data File : BF129662.D
Acq On : 09 Aug 2022 12:31
Operator : CG\JU
Sample : N4023-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1-6

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

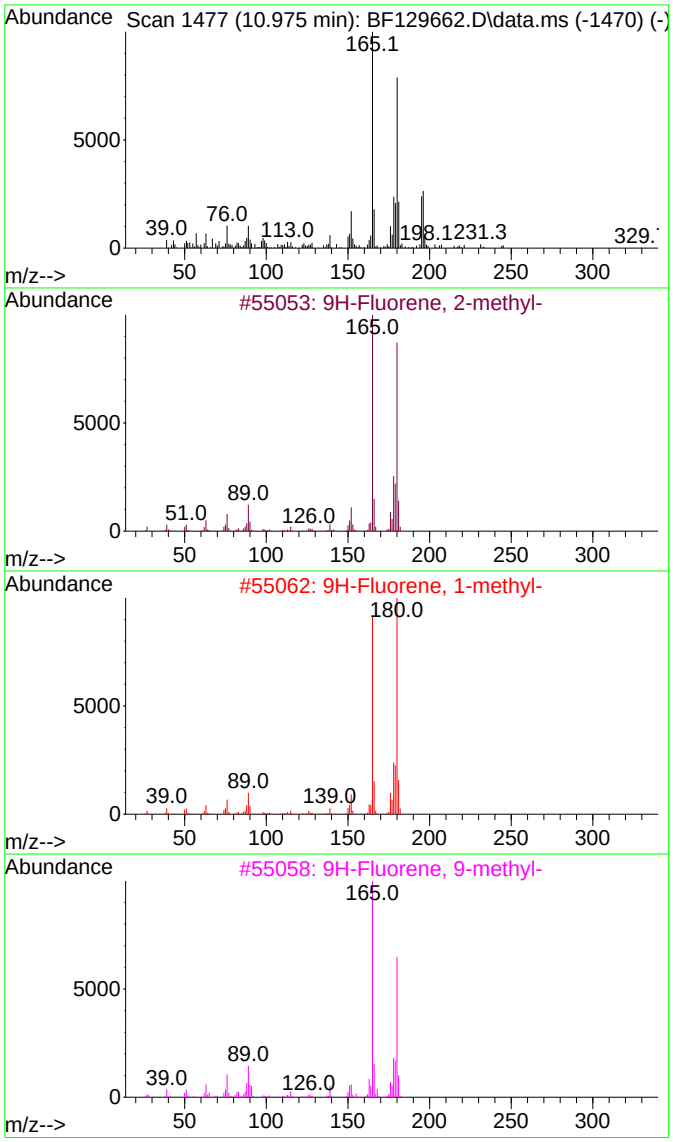
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

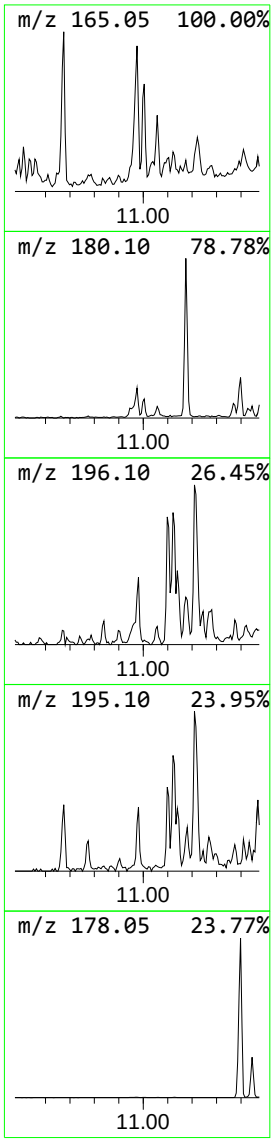
****

Peak Number 1 9H-Fluorene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.975	2.12 ng	146599	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	86
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	70
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	64
5	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129662.D
Acq On : 09 Aug 2022 12:31
Operator : CG\JU
Sample : N4023-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1-6

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

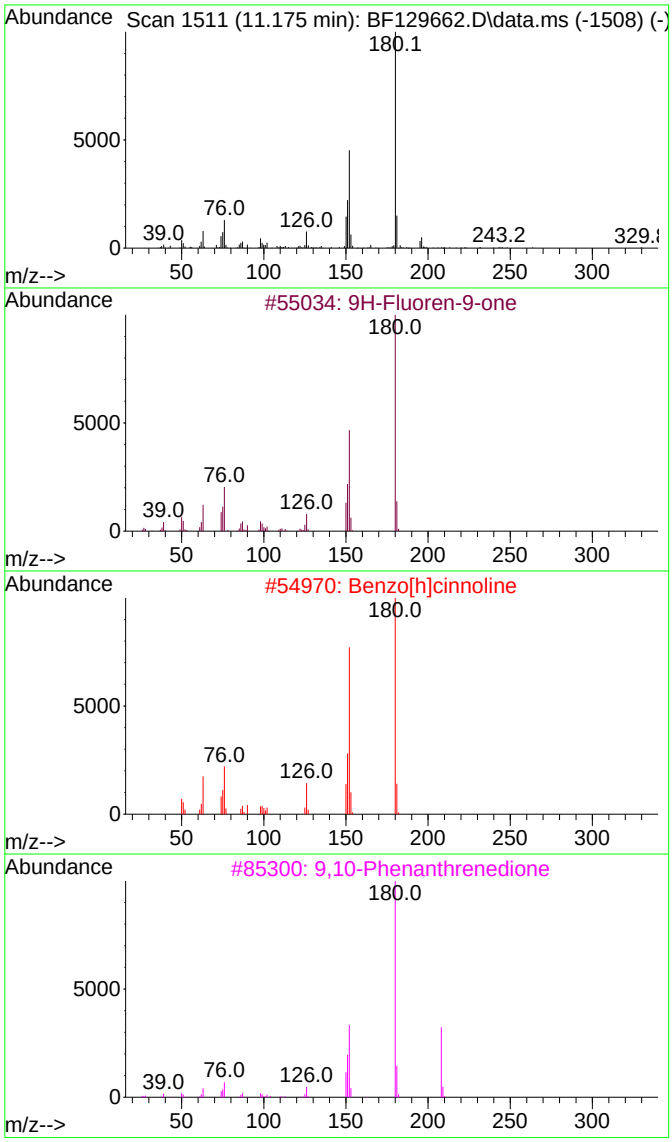
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

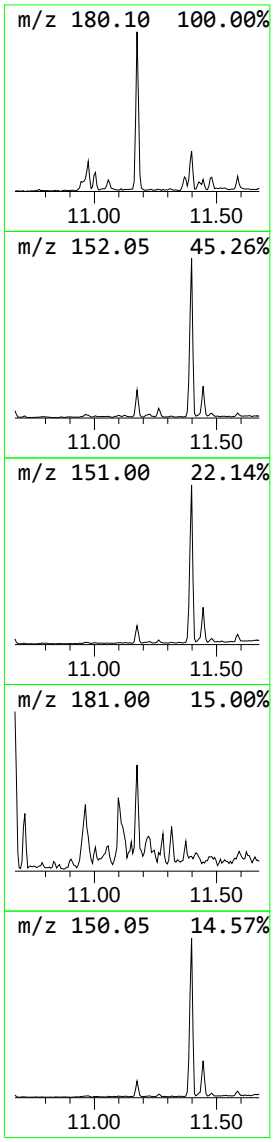
****

Peak Number 2 9H-Fluoren-9-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.175	2.50 ng	172440	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	90
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	80
5	Diphenic anhydride	224	C14H8O3	006050-13-1	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129662.D
Acq On : 09 Aug 2022 12:31
Operator : CG\JU
Sample : N4023-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1-6

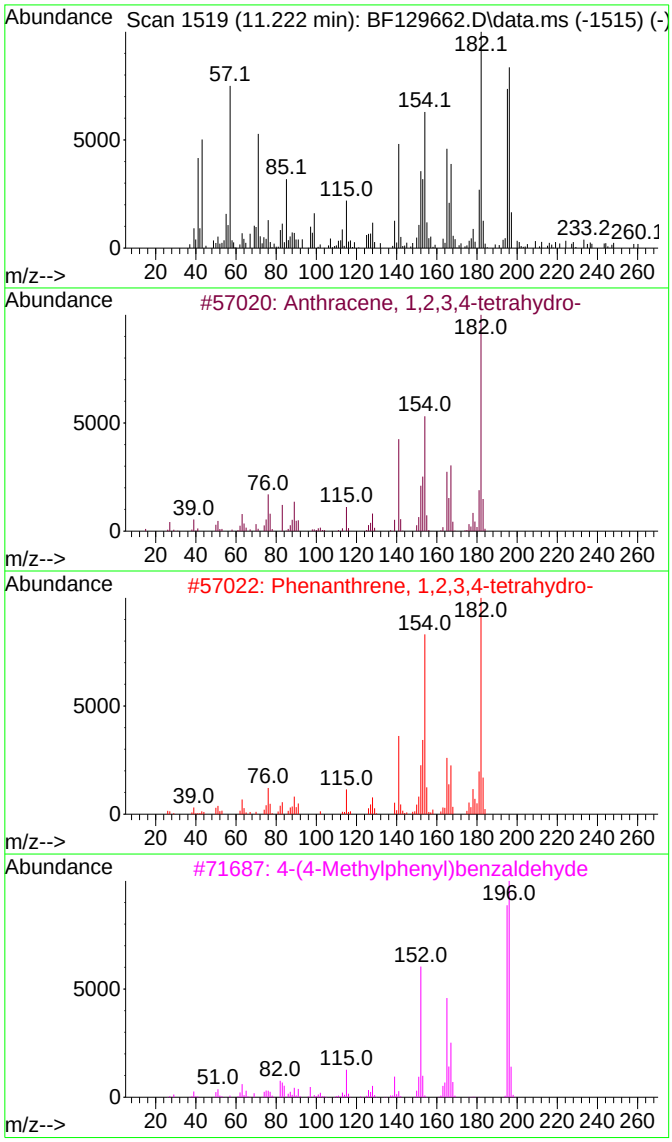
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

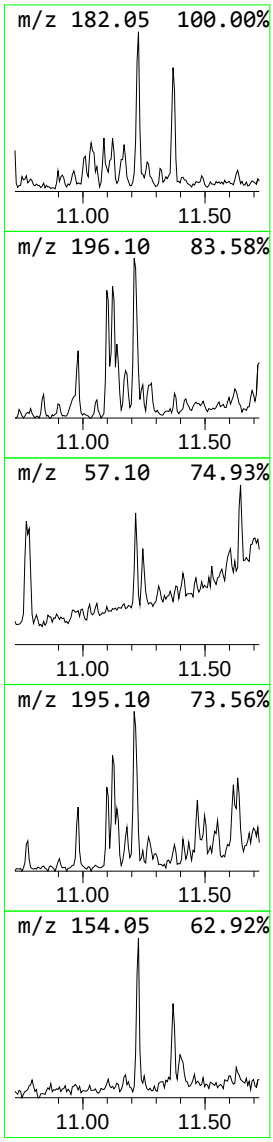
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.222	2.38 ng	164135	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	70
2	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	46
3	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	42
4	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	41
5	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129662.D
Acq On : 09 Aug 2022 12:31
Operator : CG\JU
Sample : N4023-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1-6

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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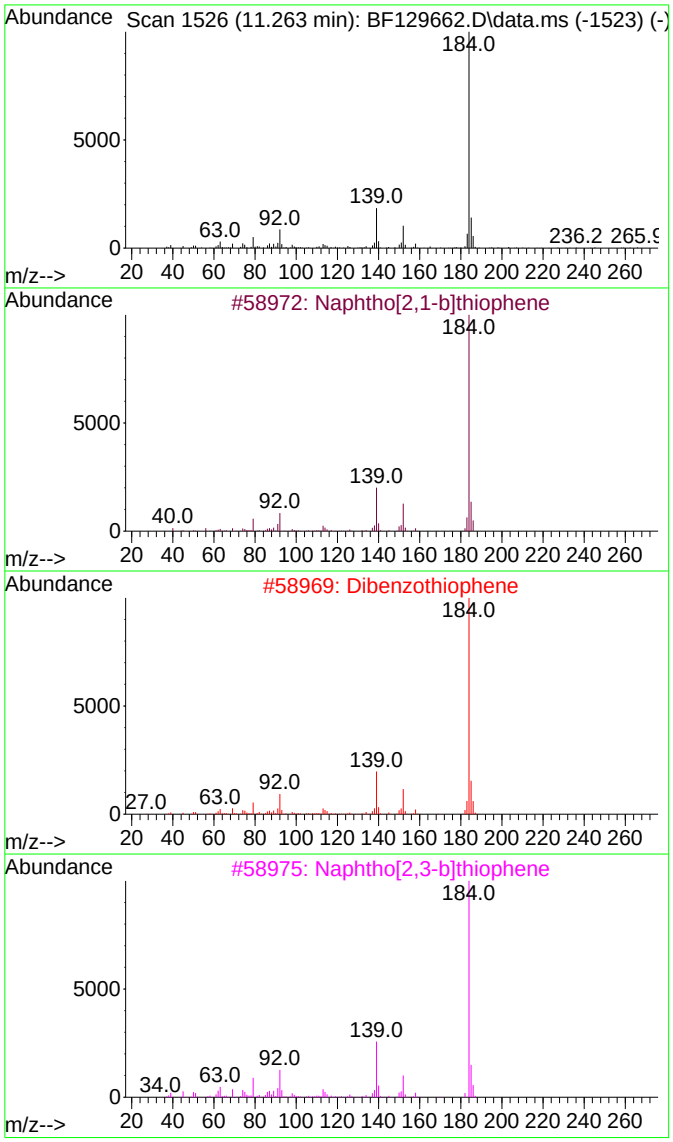
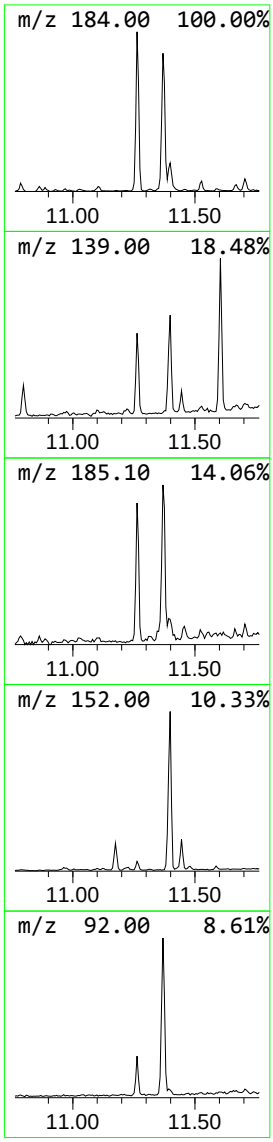
Peak Number 4 Naphtho[2,1-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.263	3.10 ng	214475	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129662.D
Acq On : 09 Aug 2022 12:31
Operator : CG\JU
Sample : N4023-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1-6

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

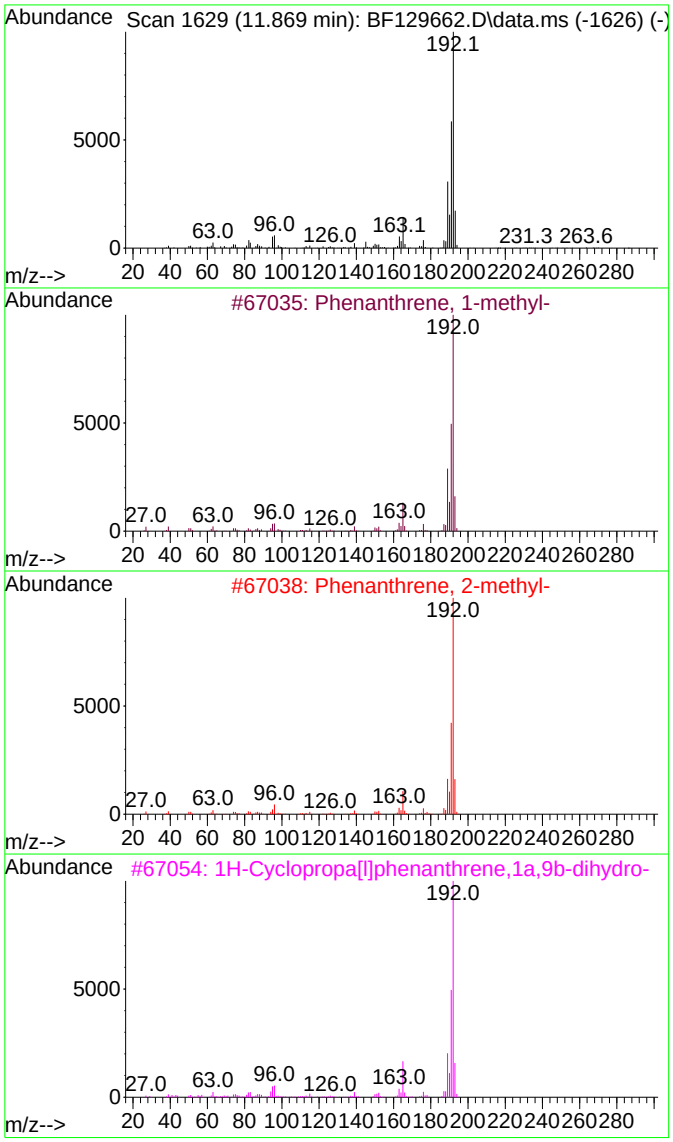
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

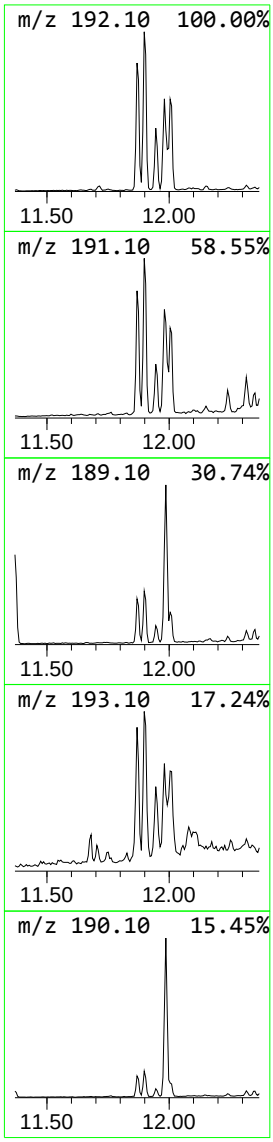
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.869	6.92 ng	478079	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129662.D
Acq On : 09 Aug 2022 12:31
Operator : CG\JU
Sample : N4023-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1-6

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

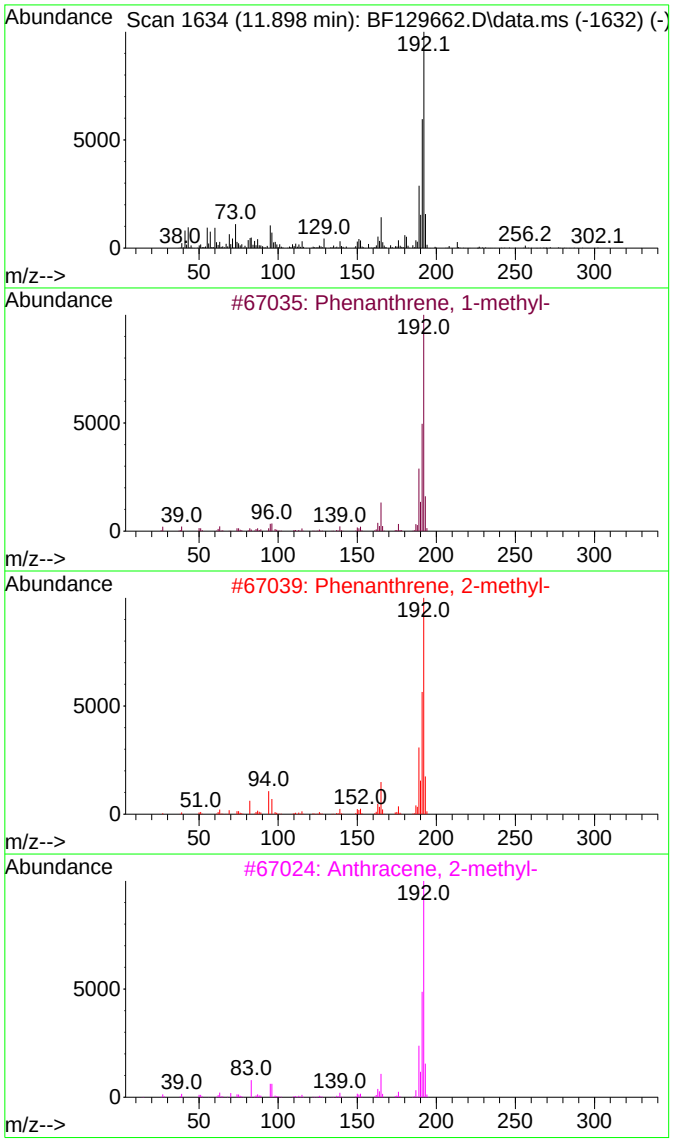
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

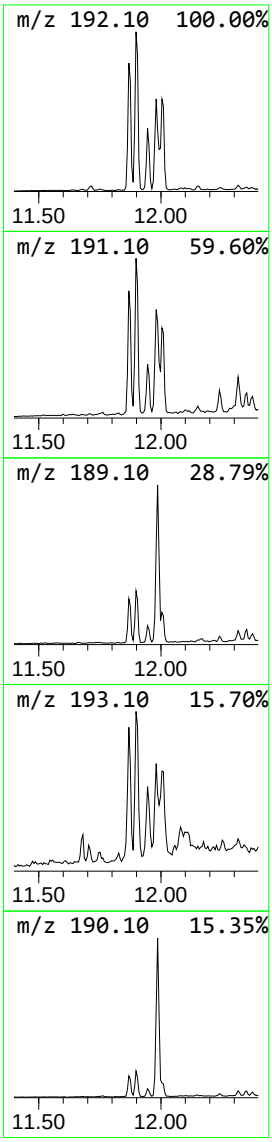
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.898	11.74 ng	811065	Phenanthrene-d10	11.369

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	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080922\
Data File : BF129662.D
Acq On : 09 Aug 2022 12:31
Operator : CG\JU
Sample : N4023-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2-1-6

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

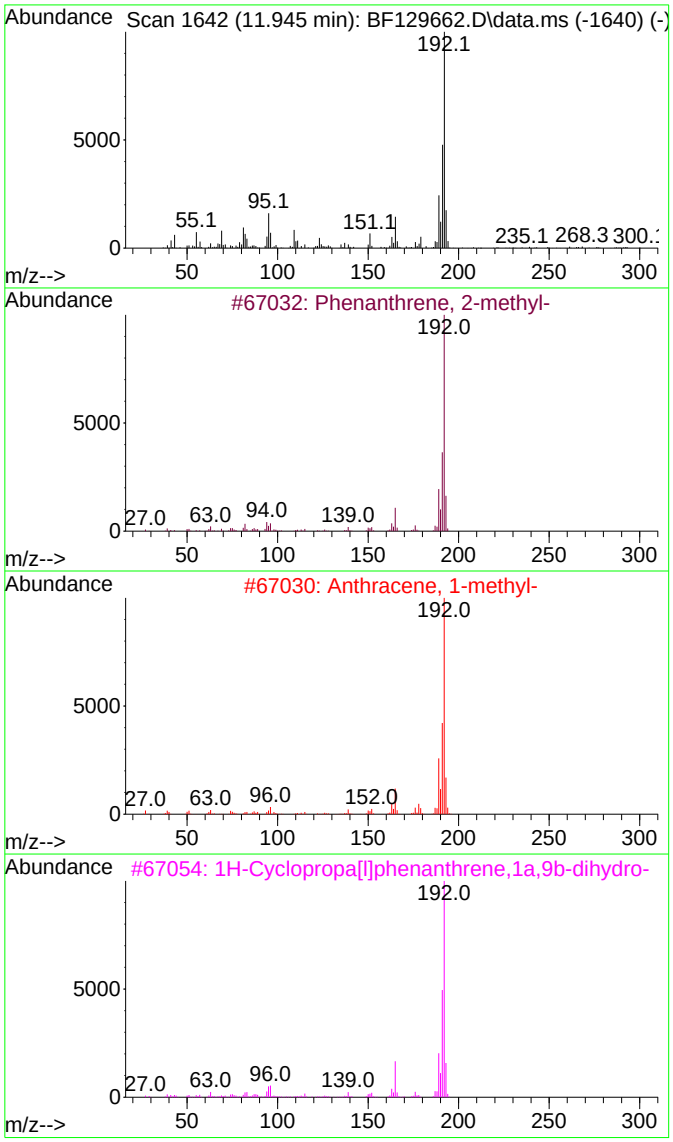
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

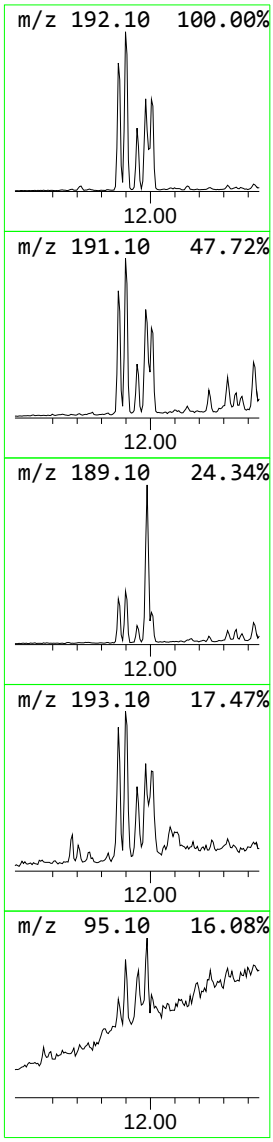
****

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.945	4.11 ng	284017	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94





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Sample : N4023-04
Misc :
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ClientSampleId :
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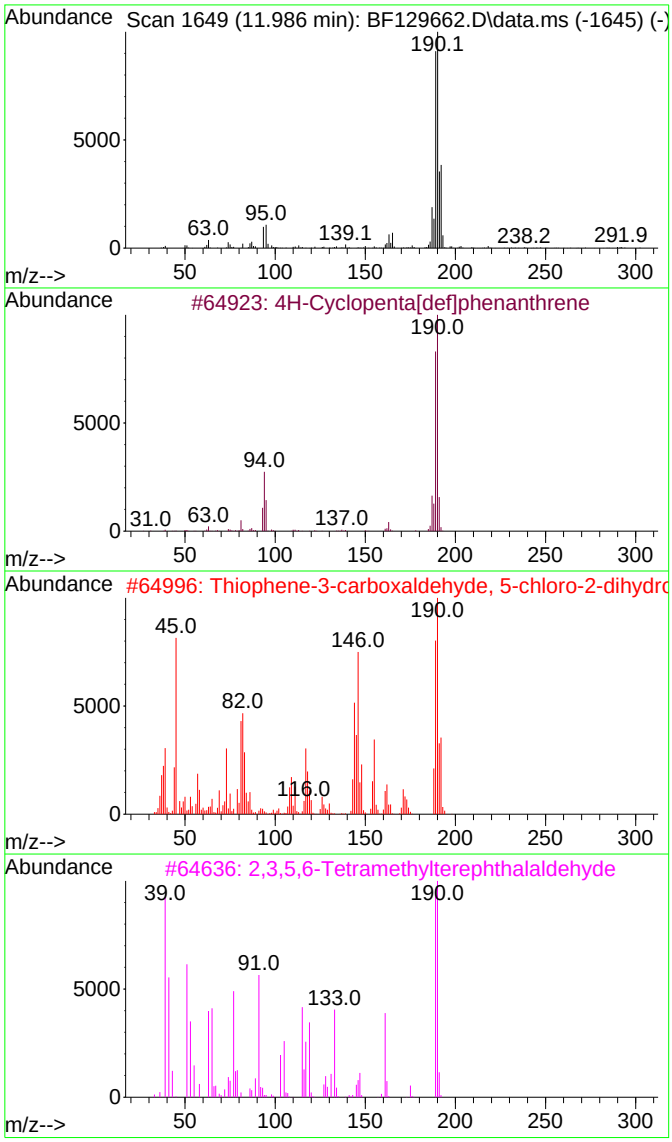
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

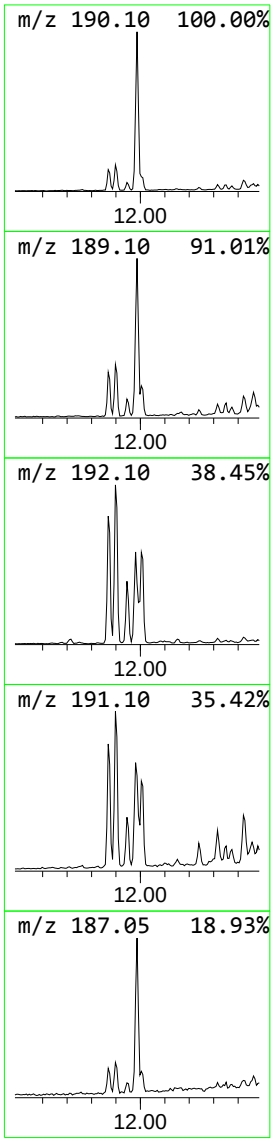
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.986	10.21 ng	705480	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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

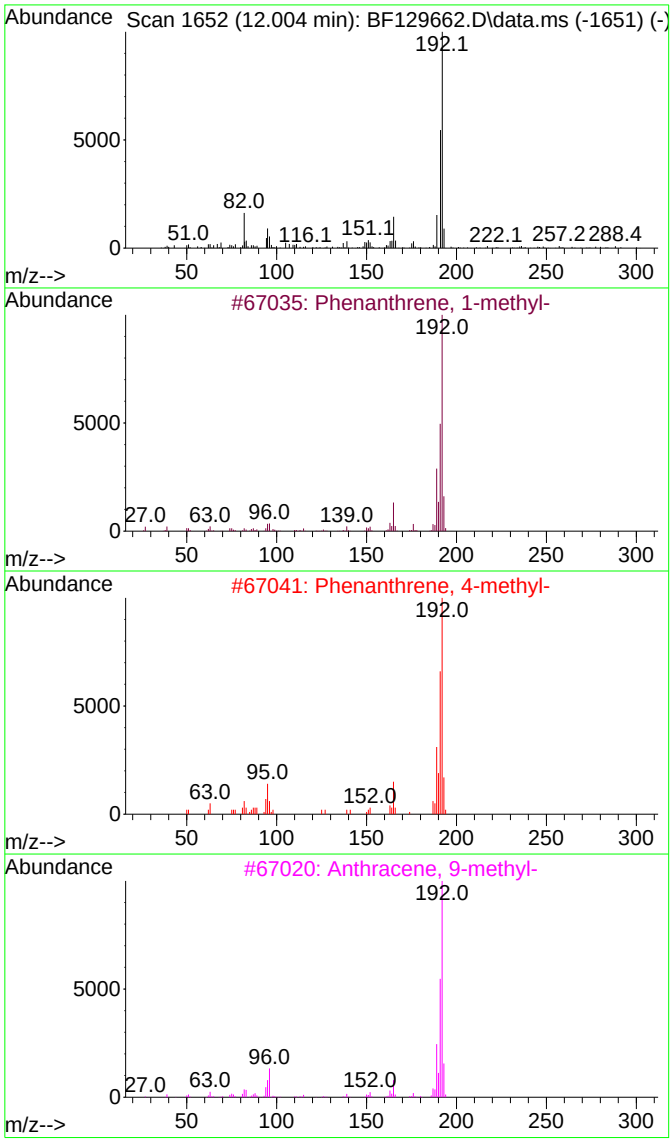
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

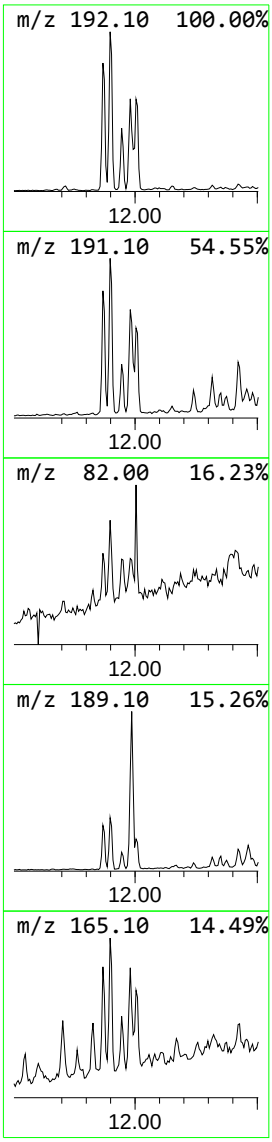
****

Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	3.53 ng	243804	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	68
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	68
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	68





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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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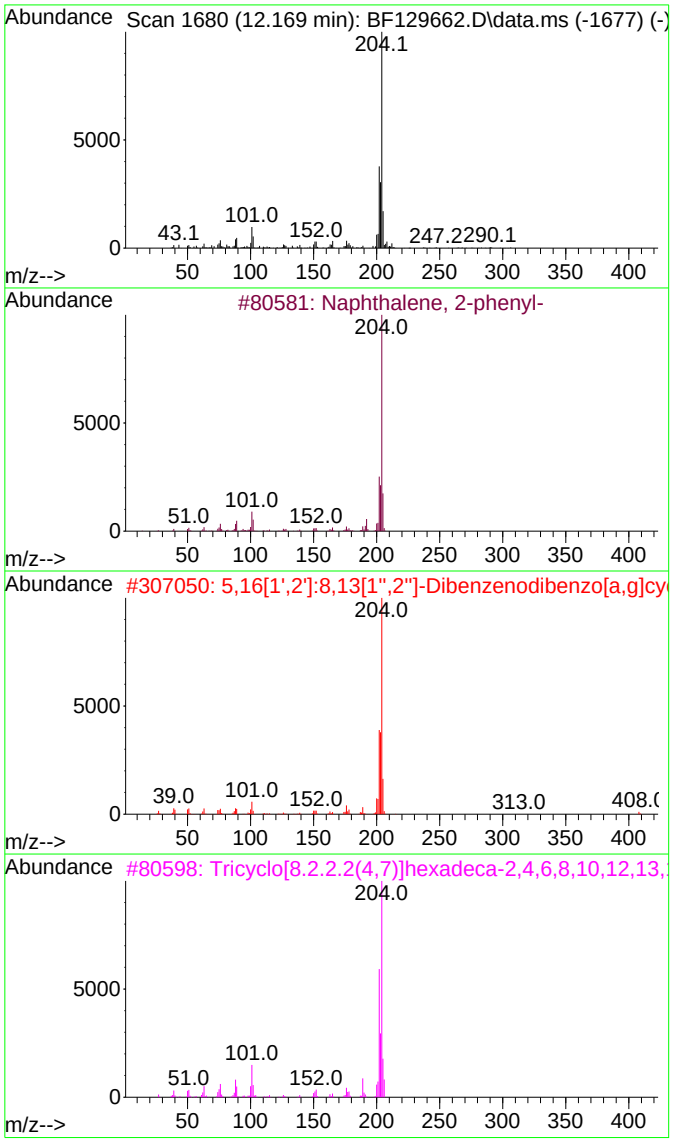
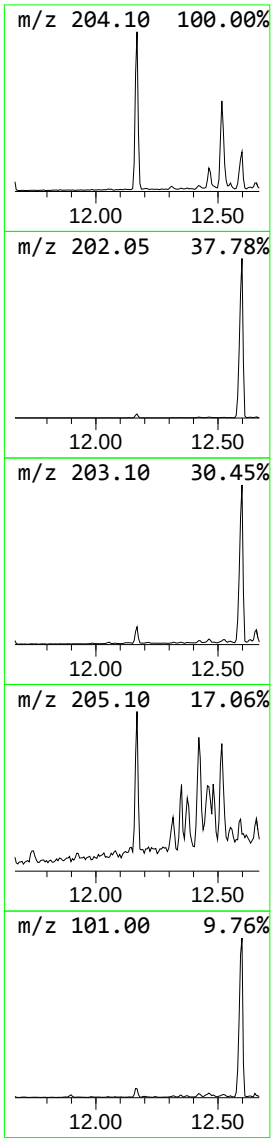
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.169	4.88 ng	337099	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70
5	Pyrazol-5-ol, 3-(3,4-methylenedi...	204	C10H8N2O3	1000271-76-1	58





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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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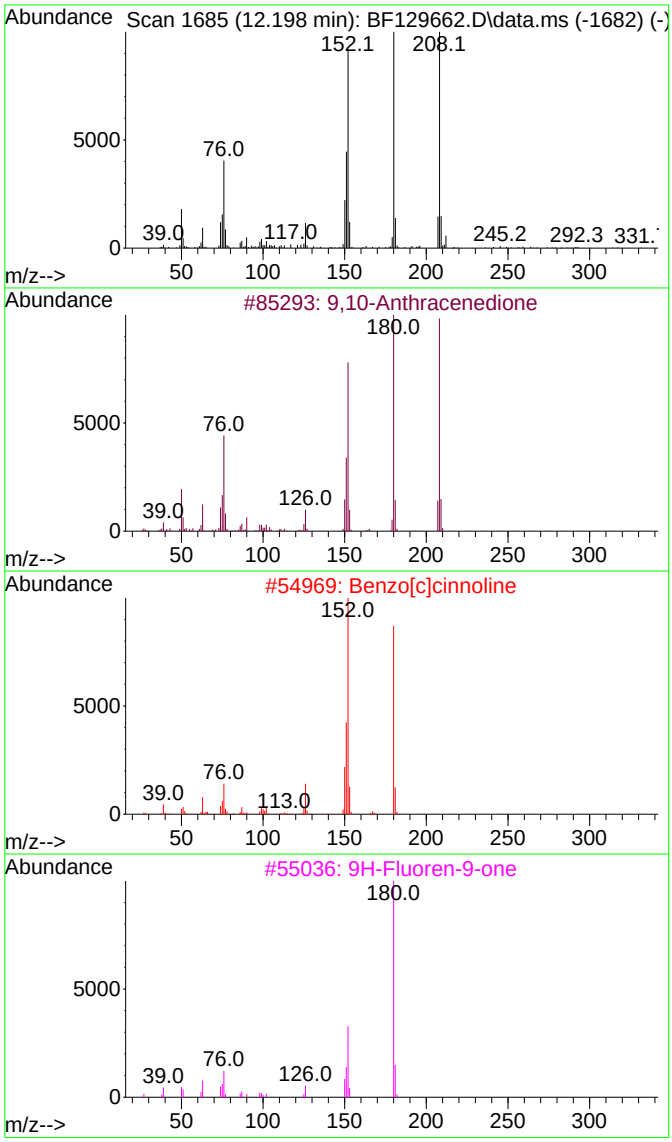
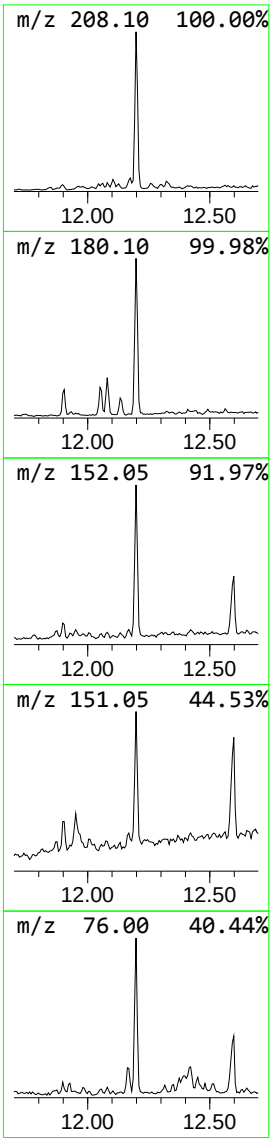
Peak Number 11 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.198	5.95 ng	411159	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	78
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55





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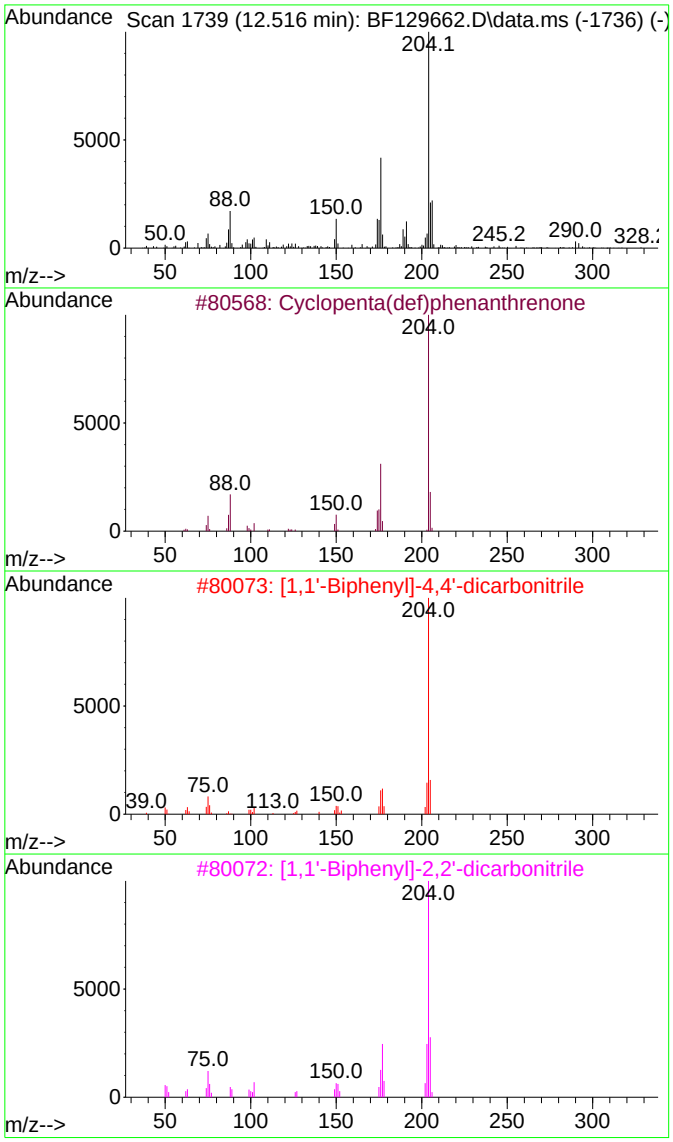
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

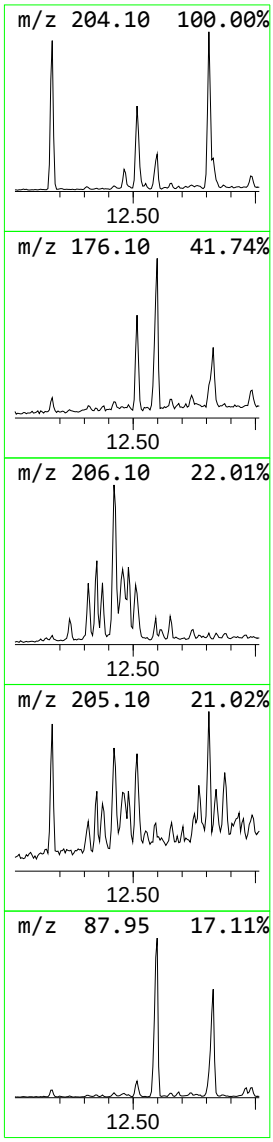
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.516	4.81 ng	332690	Phenanthrene-d10	11.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	42
5	3H-pyrazol-3-one, 5-ethoxy-2,4-d...	204	C11H12N2O2	1000400-47-1	42





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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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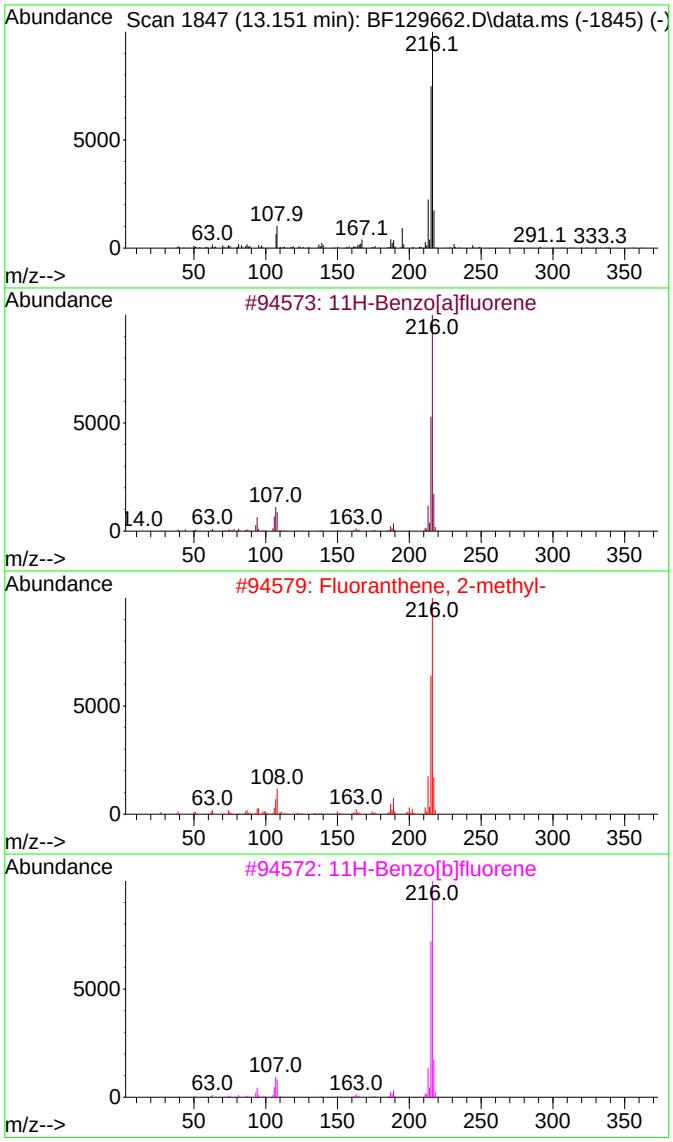
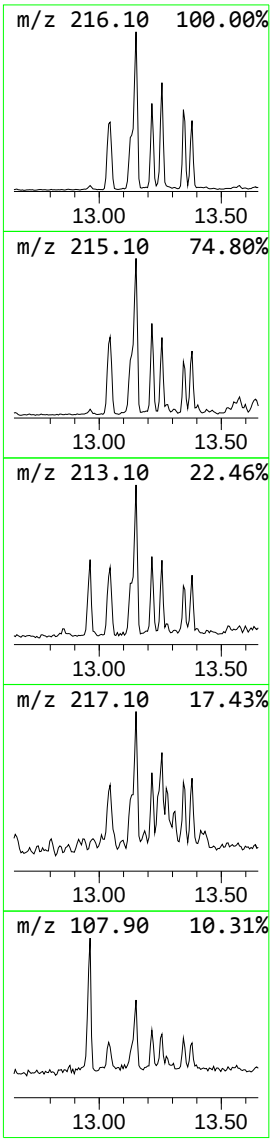
Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.151	2.60 ng	427404	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	80
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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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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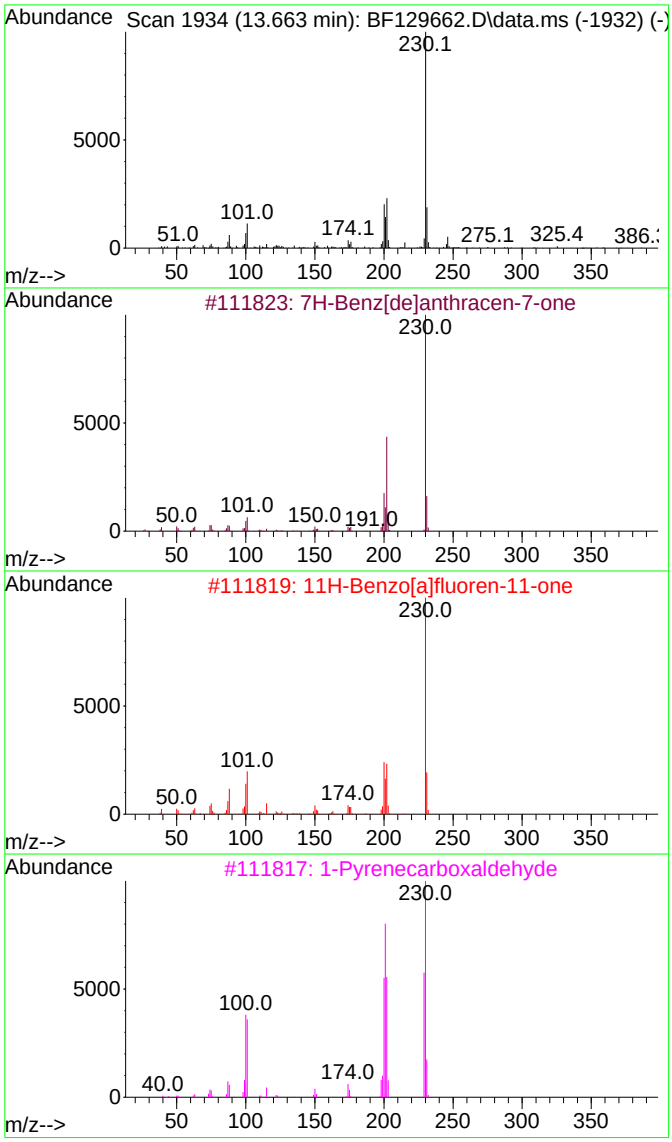
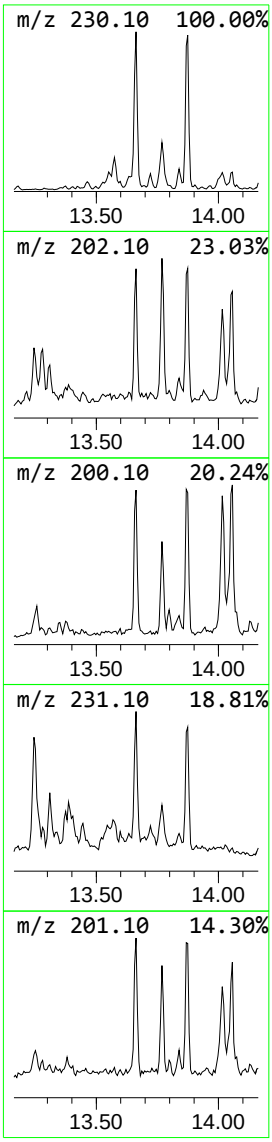
Peak Number 14 7H-Benz[de]anthracen-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.663	2.61 ng	428901	Chrysene-d12	14.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	80
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
4	o-Terphenyl	230	C18H14	000084-15-1	58
5	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	53





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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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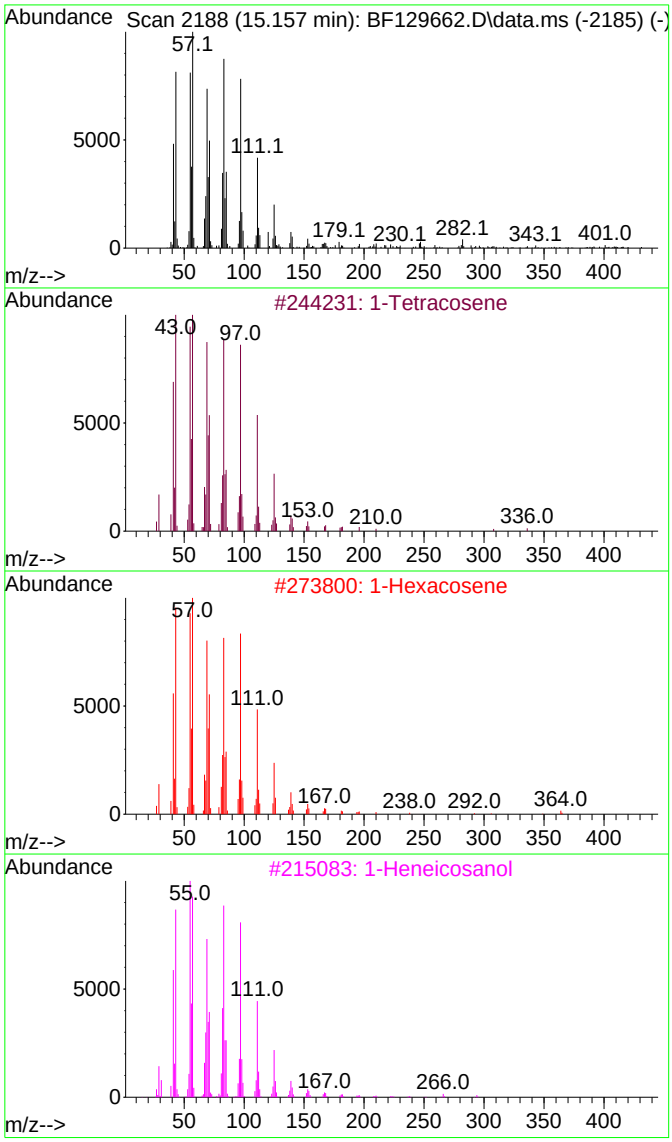
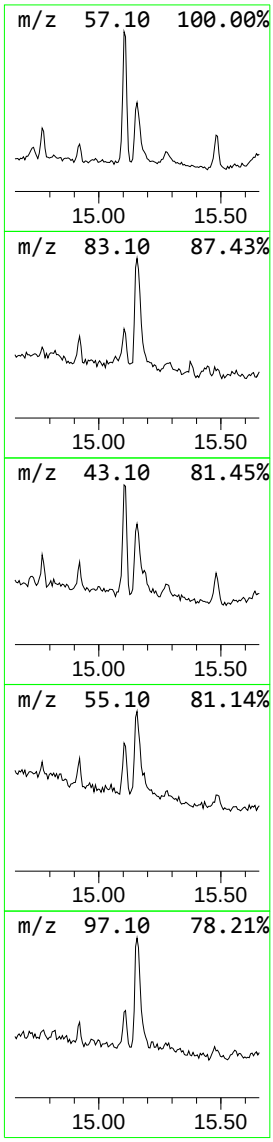
Peak Number 15 1-Tetracosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.157	7.47 ng	399070	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	98
2	1-Hexacosene	364	C26H52	018835-33-1	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	93
4	Heptacos-1-ene	378	C27H54	015306-27-1	91
5	Behenic alcohol	326	C22H46O	000661-19-8	90





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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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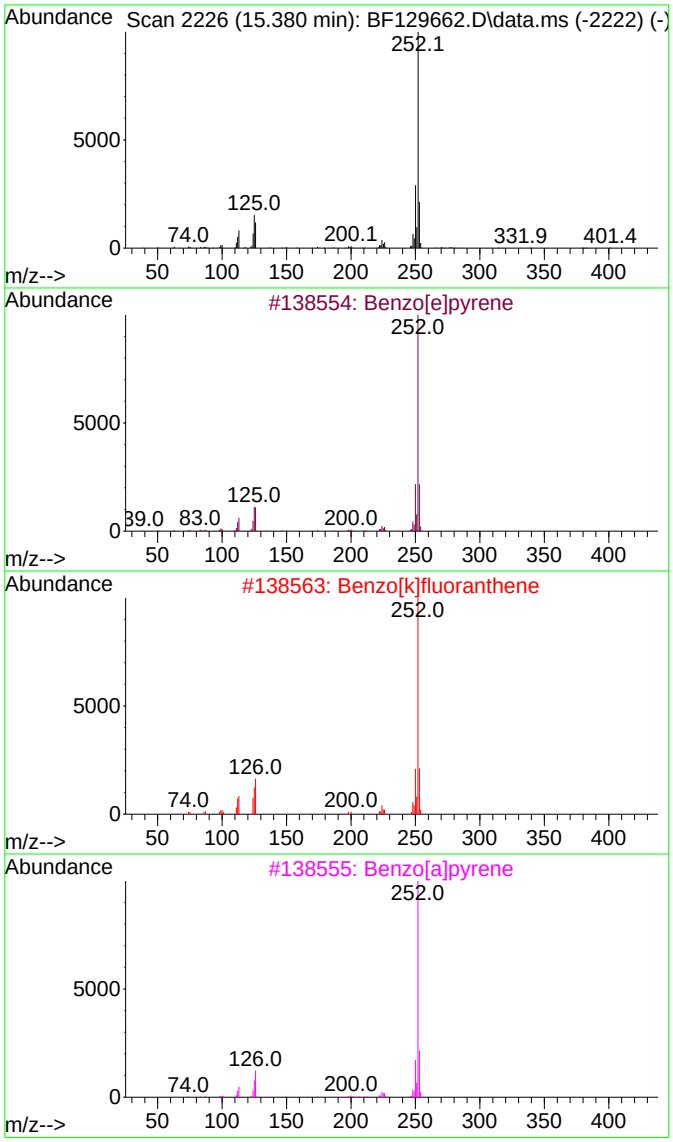
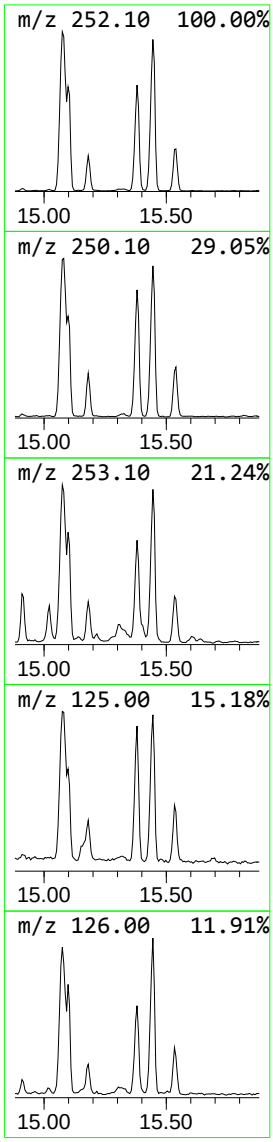
Peak Number 16 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.380	26.39 ng	1409540	Perylene-d12	15.504

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	98
3	Benzo[a]pyrene	252	C20H12	000050-32-8	98
4	Perylene	252	C20H12	000198-55-0	97
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96





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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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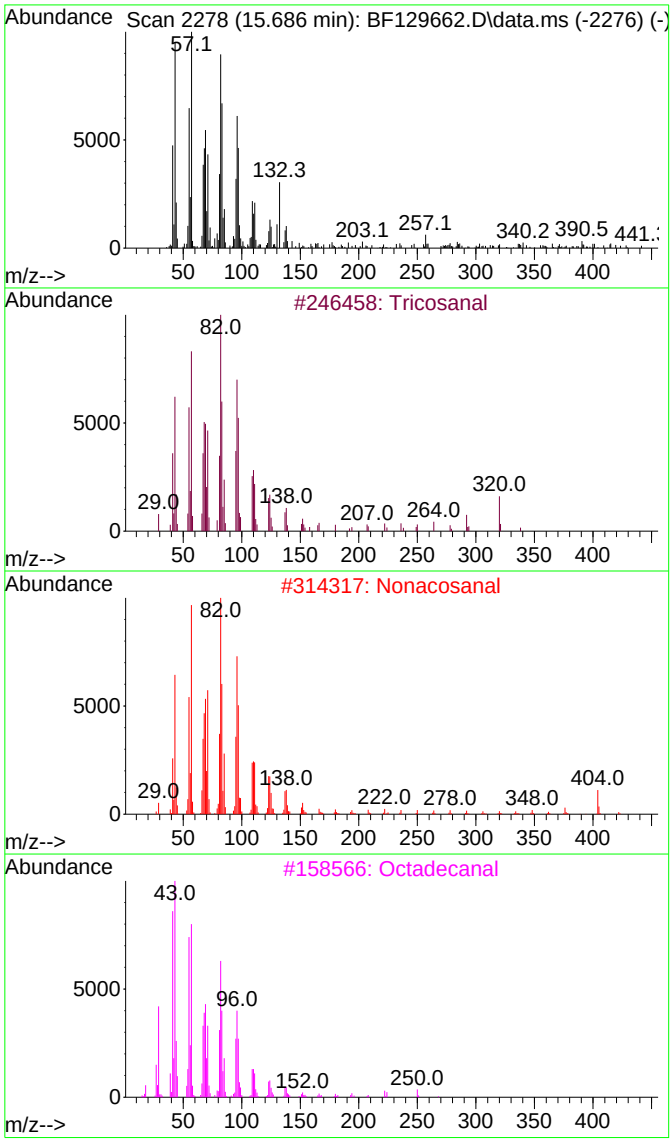
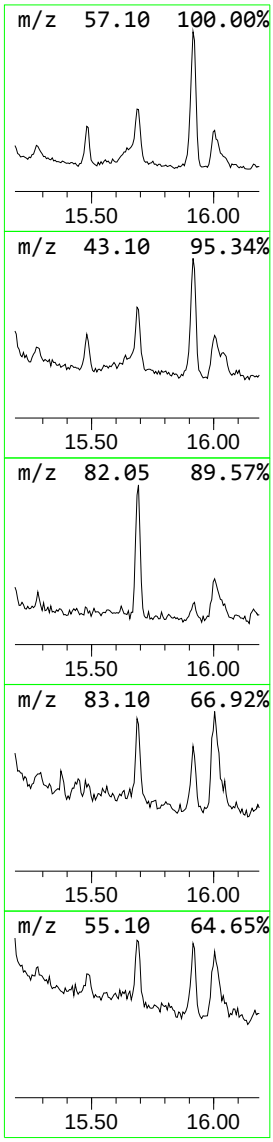
Peak Number 17 Tricosanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.686	5.39 ng	287654	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosanal	338	C23H46O	072934-02-2	94
2	Nonacosanal	422	C29H58O	072934-04-4	90
3	Octadecanal	268	C18H36O	000638-66-4	87
4	Docosanal	324	C22H44O	057402-36-5	83
5	Heptadecanal	254	C17H34O	1000376-70-0	83





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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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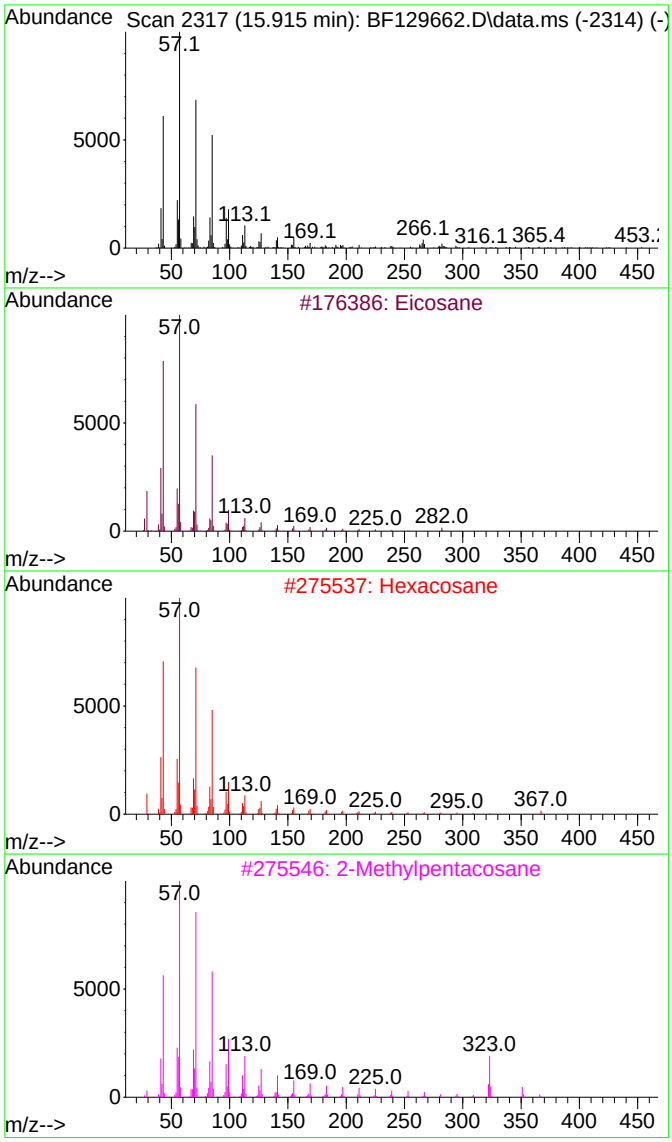
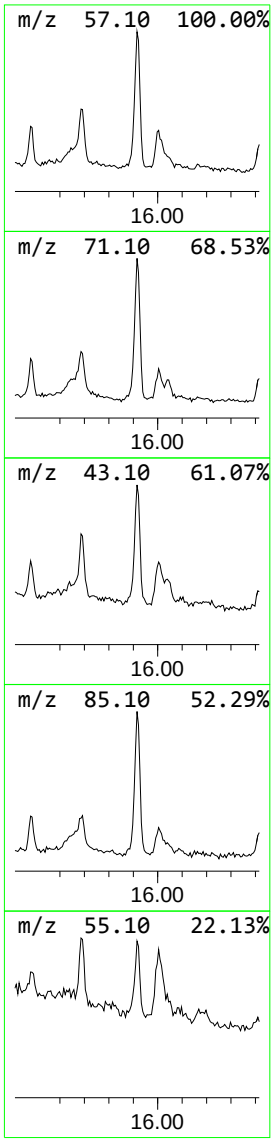
Peak Number 18 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.915	10.83 ng	578506	Perylene-d12	15.504

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	2-Methylpentacosane	366	C26H54	000629-87-8	90
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
5	Heneicosane	296	C21H44	000629-94-7	87





Tentatively Identified Compound (LSC) summary

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Operator : CG\JU
Sample : N4023-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP2-1-6

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
9H-Fluorene, 2-...	10.975	2.1	ng	146599	4	11.369	1382110	20.0
9H-Fluoren-9-one	11.175	2.5	ng	172440	4	11.369	1382110	20.0
Anthracene, 1,2...	11.222	2.4	ng	164135	4	11.369	1382110	20.0
Naphtho[2,1-b]t...	11.263	3.1	ng	214475	4	11.369	1382110	20.0
Phenanthrene, 1...	11.869	6.9	ng	478079	4	11.369	1382110	20.0
Phenanthrene, 2...	11.898	11.7	ng	811065	4	11.369	1382110	20.0
Anthracene, 1-m...	11.945	4.1	ng	284017	4	11.369	1382110	20.0
4H-Cyclopenta[d...	11.986	10.2	ng	705480	4	11.369	1382110	20.0
Phenanthrene, 4...	12.004	3.5	ng	243804	4	11.369	1382110	20.0
Naphthalene, 2-...	12.169	4.9	ng	337099	4	11.369	1382110	20.0
9,10-Anthracene...	12.198	6.0	ng	411159	4	11.369	1382110	20.0
Cyclopenta(def)...	12.516	4.8	ng	332690	4	11.369	1382110	20.0
11H-Benzo[a]flu...	13.151	2.6	ng	427404	5	14.027	3282440	20.0
7H-Benz[de]anth...	13.663	2.6	ng	428901	5	14.027	3282440	20.0
1-Tetracosene	15.157	7.5	ng	399070	6	15.504	1068120	20.0
Benzo[e]pyrene	15.380	26.4	ng	1409540	6	15.504	1068120	20.0
Tricosanal	15.686	5.4	ng	287654	6	15.504	1068120	20.0
Eicosane	15.915	10.8	ng	578506	6	15.504	1068120	20.0