LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
Data File : BF127671.D
Acq On : 07 Apr 2022 02:24
Operator : CG\JU
Sample : N2267-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LINDEN-SOUTH

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-BF040622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127671.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.375	10	15	21	rBV2	37884	53295	2.26%	0.255%
2	5.192	490	494	501	rVB	38935	42998	1.82%	0.206%
3	5.575	554	559	562	rBV	2333605	2115294	89.64%	10.120%
4	6.575	723	729	732	rBV	2170498	2192919	92.93%	10.491%
5	6.963	791	795	798	rBV	805781	606243	25.69%	2.900%
6	7.522	886	890	893	rBV	1596852	1410503	59.77%	6.748%
7	8.139	993	995	1000	rBV	44315	37025	1.57%	0.177%
8	8.245	1009	1013	1016	rBV	966209	770378	32.65%	3.686%
9	9.322	1192	1196	1200	rBV	2716168	2359725	100.00%	11.289%
10	9.398	1206	1209	1214	rBV5	25650	31490	1.33%	0.151%
11	9.716	1260	1263	1267	rBV3	53315	58925	2.50%	0.282%
12	9.816	1276	1280	1284	rVB7	20236	32866	1.39%	0.157%
13	10.010	1309	1313	1316	rVB	998023	898130	38.06%	4.297%
14	10.316	1362	1365	1368	rBV	57915	77049	3.27%	0.369%
15	10.427	1379	1384	1388	rVB4	31296	55927	2.37%	0.268%
16	10.651	1419	1422	1427	rVB	61519	63155	2.68%	0.302%
17	10.798	1443	1447	1450	rBV	1969046	1657770	70.25%	7.931%
18	10.892	1460	1463	1465	rBV	57692	57082	2.42%	0.273%
19	10.921	1465	1468	1471	rVB	109266	110693	4.69%	0.530%
20	11.386	1544	1547	1552	rVB2	90285	89232	3.78%	0.427%
21	11.498	1563	1566	1569	rBV	1115653	971491	41.17%	4.648%
22	11.521	1569	1570	1574	rVV	115227	85206	3.61%	0.408%
23	11.574	1577	1579	1582	rVB	57206	42577	1.80%	0.204%
24	11.733	1603	1606	1610	rVB3	34564	45240	1.92%	0.216%
25	12.016	1651	1654	1659	rVB2	98832	98744	4.18%	0.472%
26	12.727	1772	1775	1779	rBV	235506	212638	9.01%	1.017%
27	12.804	1786	1788	1792	rBV3	47906	53205	2.25%	0.255%
28	12.951	1810	1813	1817	rVB	174272	161903	6.86%	0.775%
29	13.092	1833	1837	1840	rVB	2747786	2290367	97.06%	10.958%
30	13.274	1866	1868	1871	rVB4	47760	38483	1.63%	0.184%
31	13.362	1881	1883	1889	rVB4	44342	63278	2.68%	0.303%
32	13.662	1932	1934	1939	rBV	116691	138072	5.85%	0.661%
33	13.780	1951	1954	1956	rBV2	98399	115290	4.89%	0.552%
34	13.986	1987	1989	1999	rVB	361398	596779	25.29%	2.855%
35	14.151	2013	2017	2020	rBV	905977	828450	35.11%	3.963%
36	14.174	2020	2021	2029	rVB	98382	73472	3.11%	0.352%

LSC Area Percent Report

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Instrument :
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Integration Parameters: rteint.p
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	14.245	2031	2033	2038	rVB2	59560	62754	2.66%	0.300%
38	14.433	2062	2065	2069	rVB	72725	59340	2.51%	0.284%
39	14.627	2094	2098	2103	rBV5	45107	88771	3.76%	0.425%
40	15.221	2195	2199	2202	rBV	55181	89942	3.81%	0.430%
41	15.304	2210	2213	2216	rVB	44985	47424	2.01%	0.227%
42	15.539	2251	2253	2258	rVB	49736	56532	2.40%	0.270%
43	15.604	2261	2264	2268	rVB	39273	46389	1.97%	0.222%
44	15.674	2271	2276	2281	rBV	609712	793989	33.65%	3.799%
45	16.186	2359	2363	2367	rBV	27696	41650	1.77%	0.199%
46	17.980	2660	2668	2677	rBV4	183395	418222	17.72%	2.001%
47	18.127	2689	2693	2703	rVB6	33463	82598	3.50%	0.395%
48	18.256	2706	2715	2731	rVV4	167537	487992	20.68%	2.335%
49	18.521	2754	2760	2769	rVB4	30511	90716	3.84%	0.434%

Sum of corrected areas: 20902213

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ClientSampleId :
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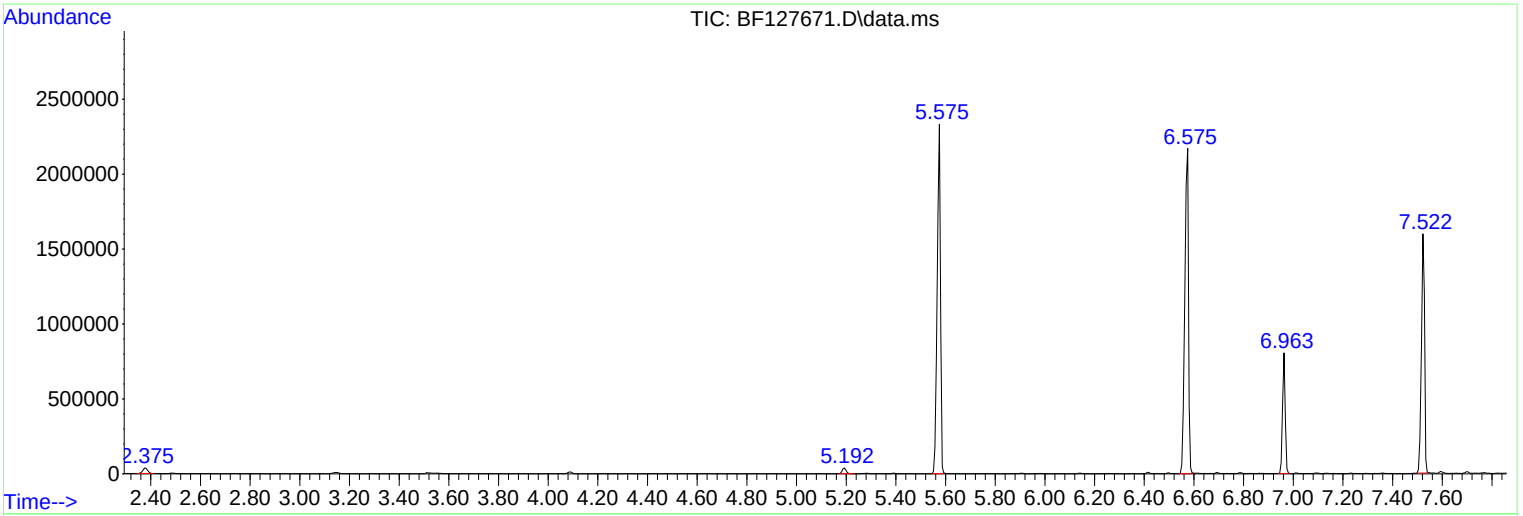
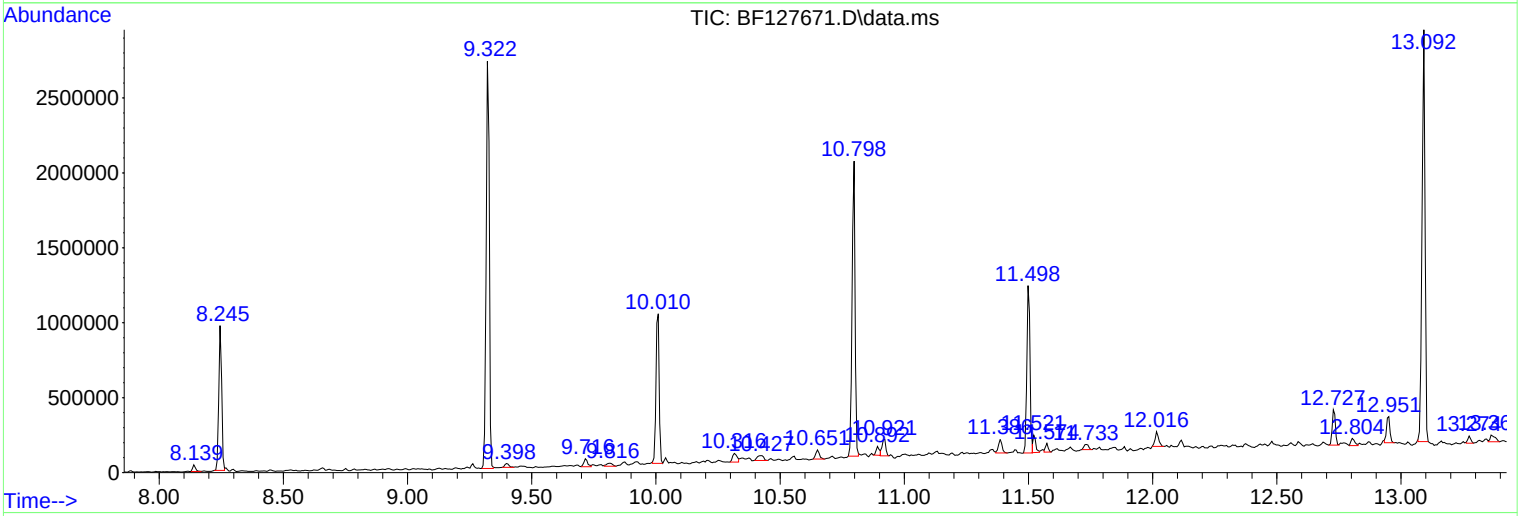
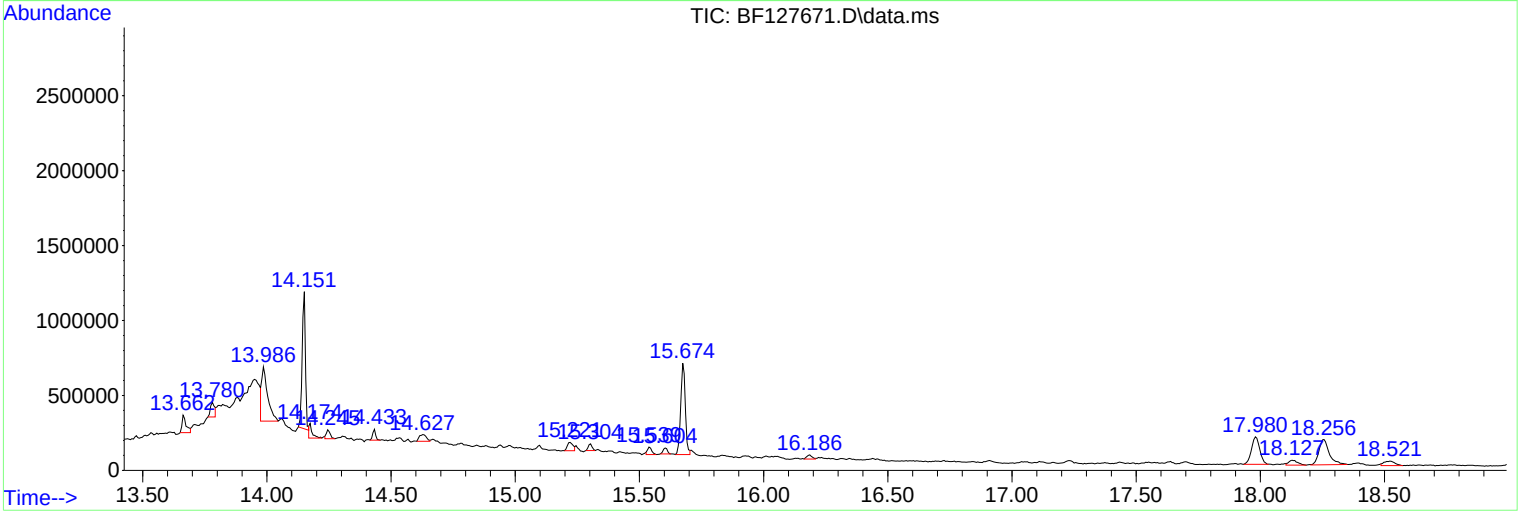
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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TIC Integration Parameters: LSCINT.P

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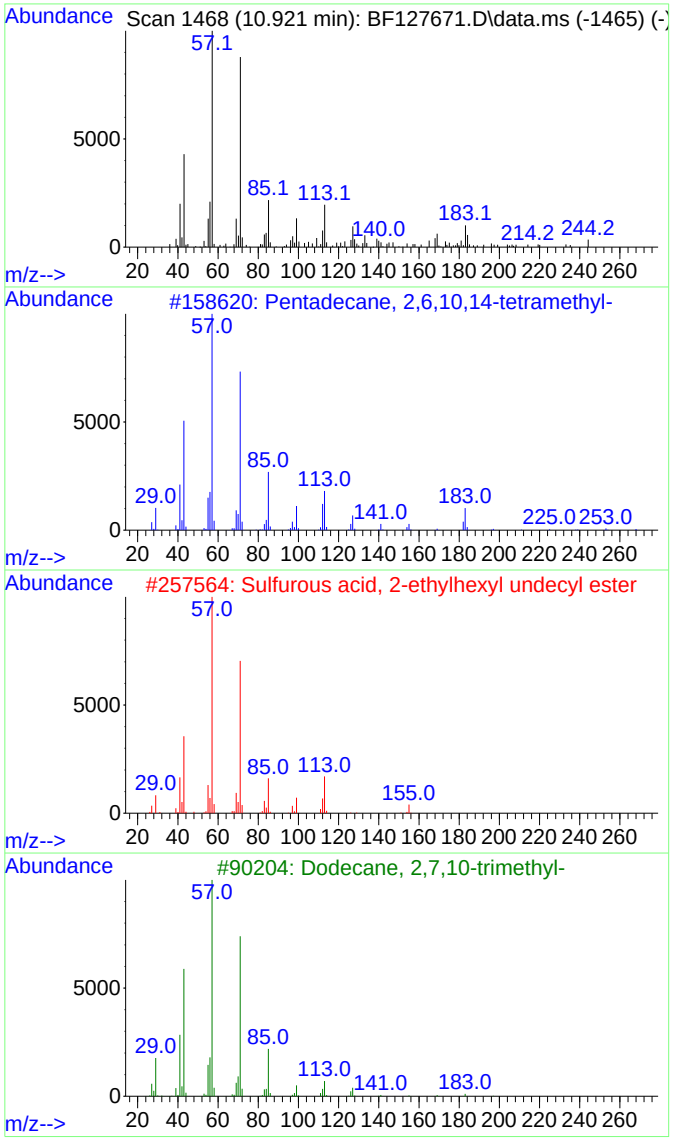
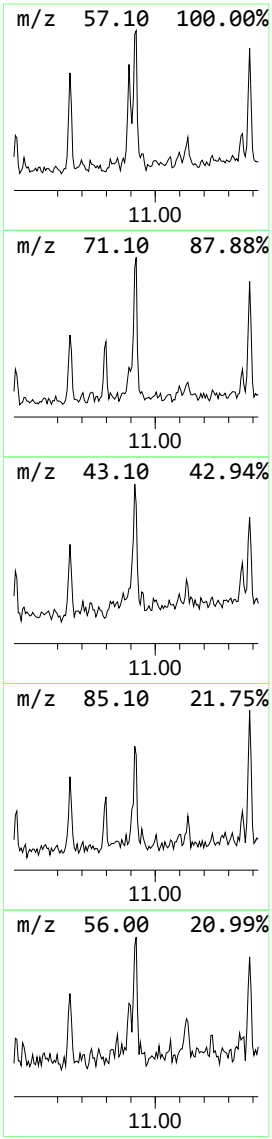
Peak Number 1 Pentadecane, 2,6,10,14-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.922	2.28 ng	110693	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
2	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	64
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
4	Tridecane	184	C13H28	000629-50-5	58
5	Hexanamide, N-methallyl-	169	C10H19NO	1000340-14-0	50





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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.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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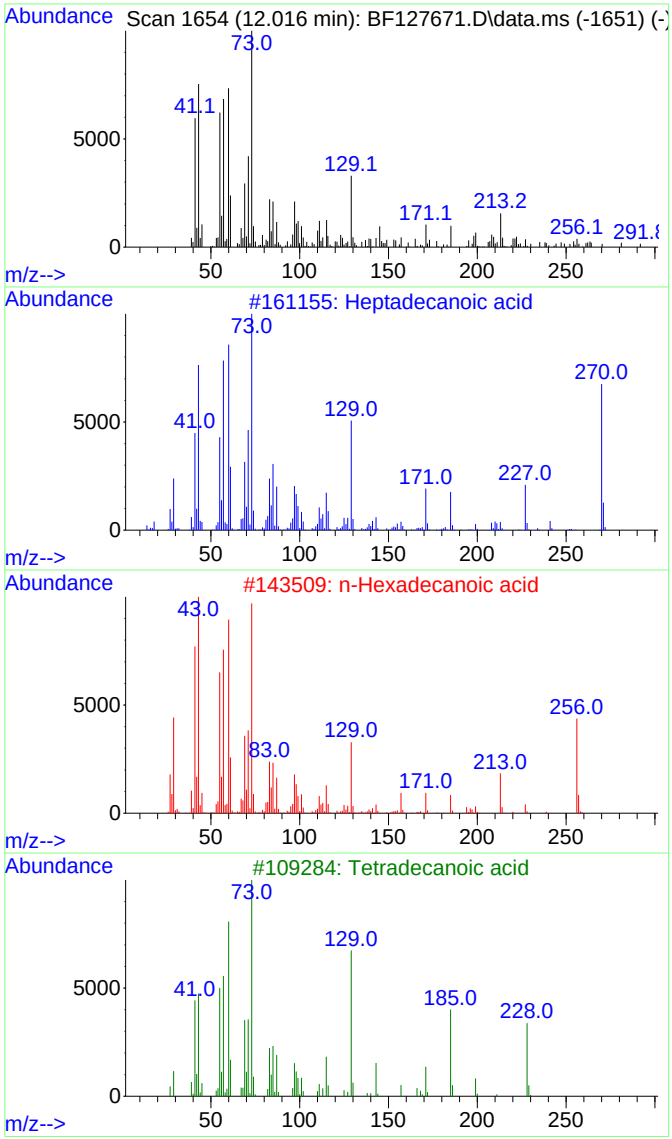
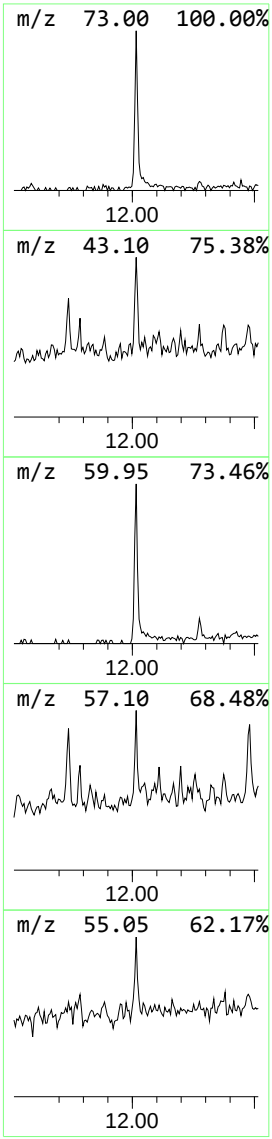
Peak Number 2 Heptadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.015	2.03 ng	98744	Phenanthrene-d10	11.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecanoic acid	270	C17H34O2	000506-12-7	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Octadecanoic acid	284	C18H36O2	000057-11-4	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	50





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TIC Library : C:\Database\NIST20.L
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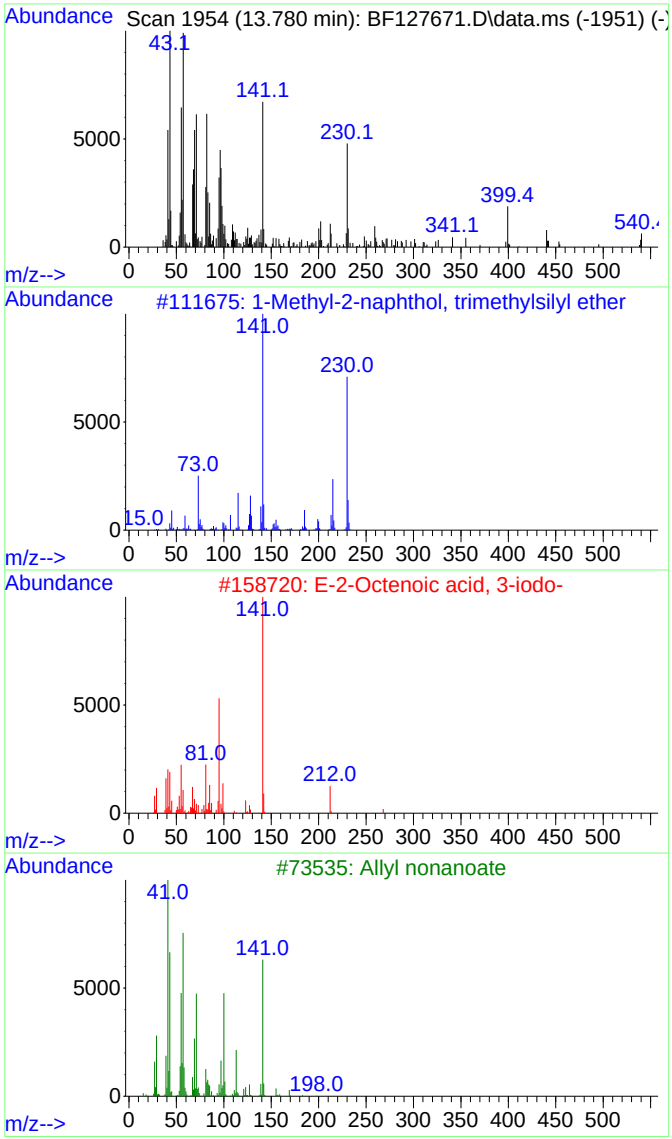
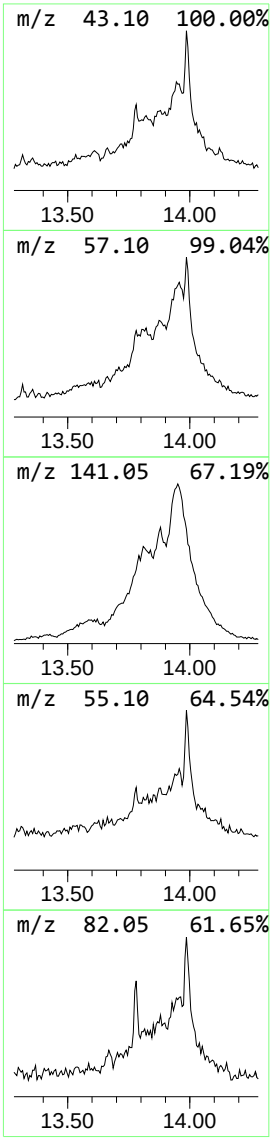
****

Peak Number 4 unknown13.780 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.780	2.78 ng	115290	Chrysene-d12	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-naphthol, trimethylsi...	230	C14H18OSi	1000471-61-5	38
2	E-2-Octenoic acid, 3-iodo-	268	C8H13IO2	1000308-87-5	25
3	Allyl nonanoate	198	C12H22O2	007493-72-3	20
4	2H-Pyran-2-one, 4-(dimethylamino...	225	C13H23NO2	055045-06-2	14
5	2,6-Difluorobenzoic acid, 2,6-di...	306	C18H20F2O2	1000292-58-8	10





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

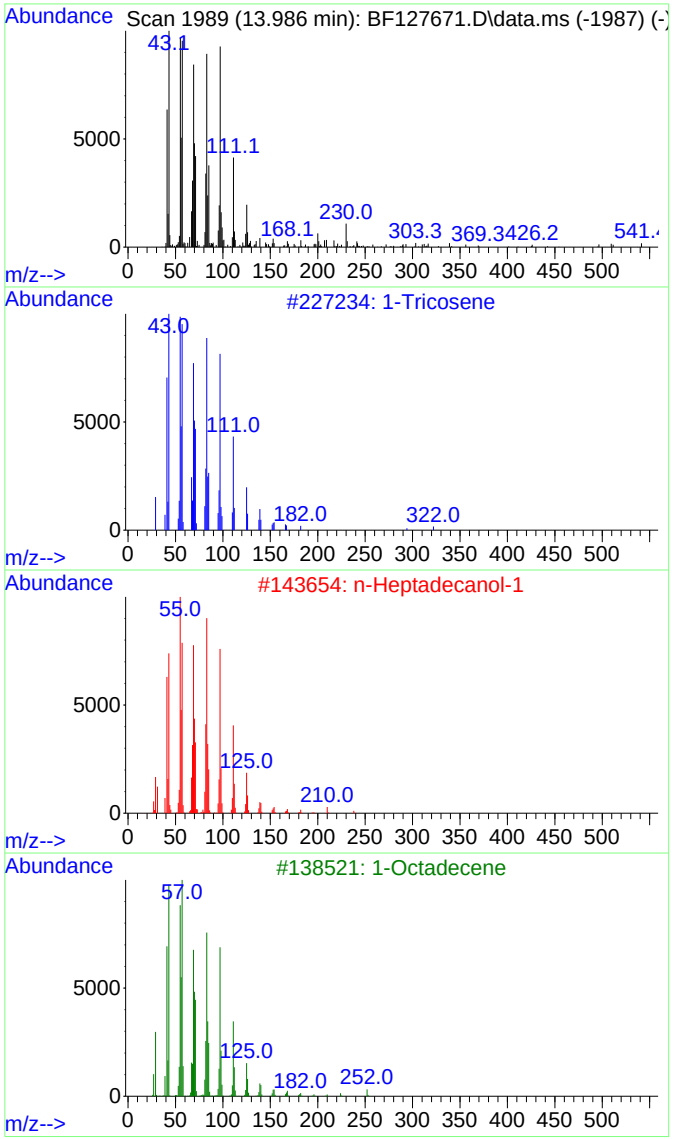
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

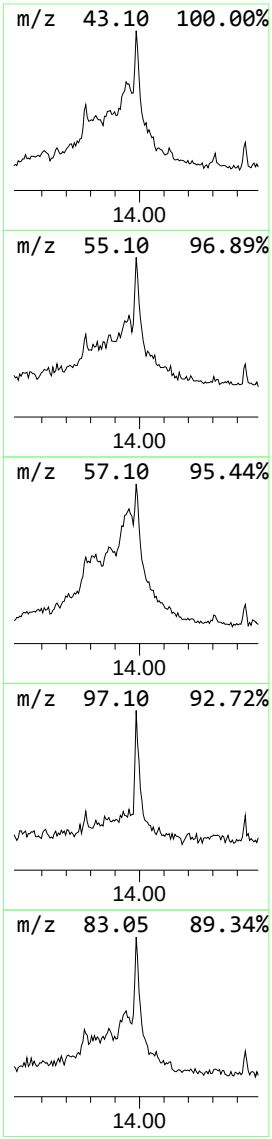
****

Peak Number 5 1-Tricosene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.986	14.41 ng	596779	Chrysene-d12	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	91
2	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
3	1-Octadecene	252	C18H36	000112-88-9	86
4	1-Octadecanol	270	C18H38O	000112-92-5	81
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	68





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TIC Library : C:\Database\NIST20.L
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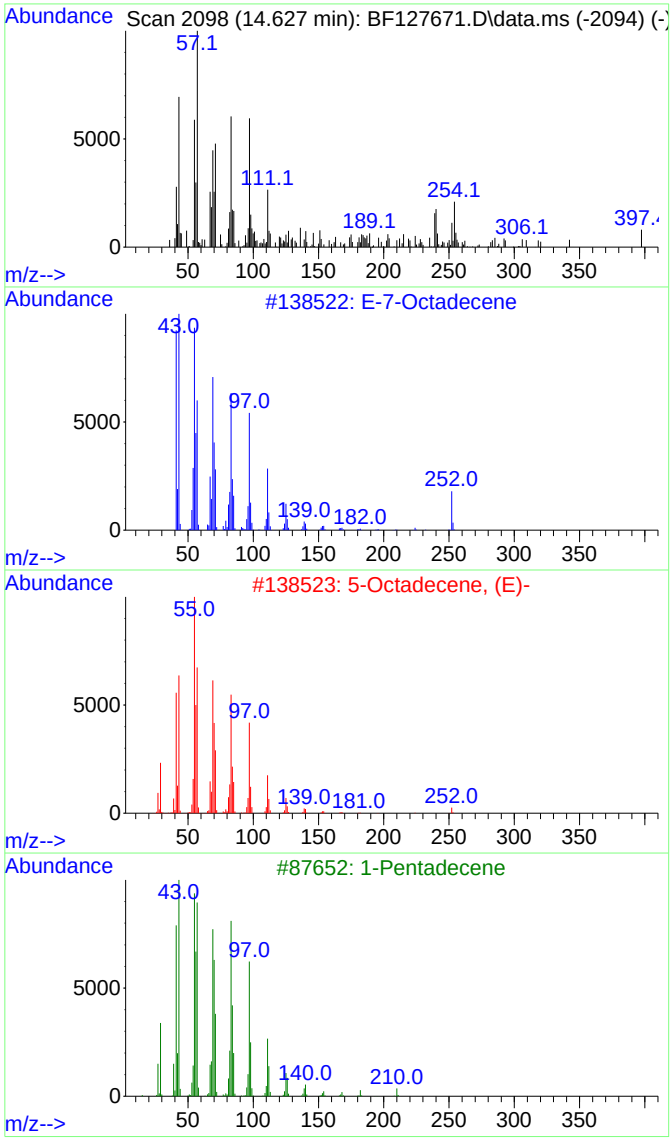
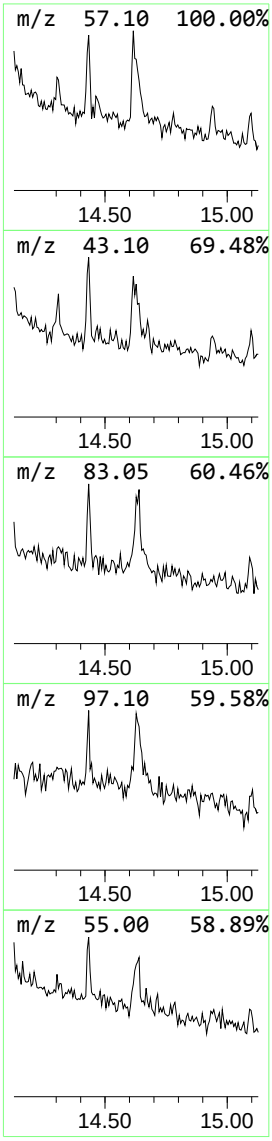
Peak Number 6 E-7-Octadecene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.627	2.14 ng	88771	Chrysene-d12	14.151

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-7-Octadecene	252	C18H36	1000130-92-0	78
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	64
3	1-Pentadecene	210	C15H30	013360-61-7	60
4	Cyclohexadecane	224	C16H32	000295-65-8	60
5	1-(Ethenesulfonyl)dodecane	260	C14H28O2S	030719-66-5	58





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

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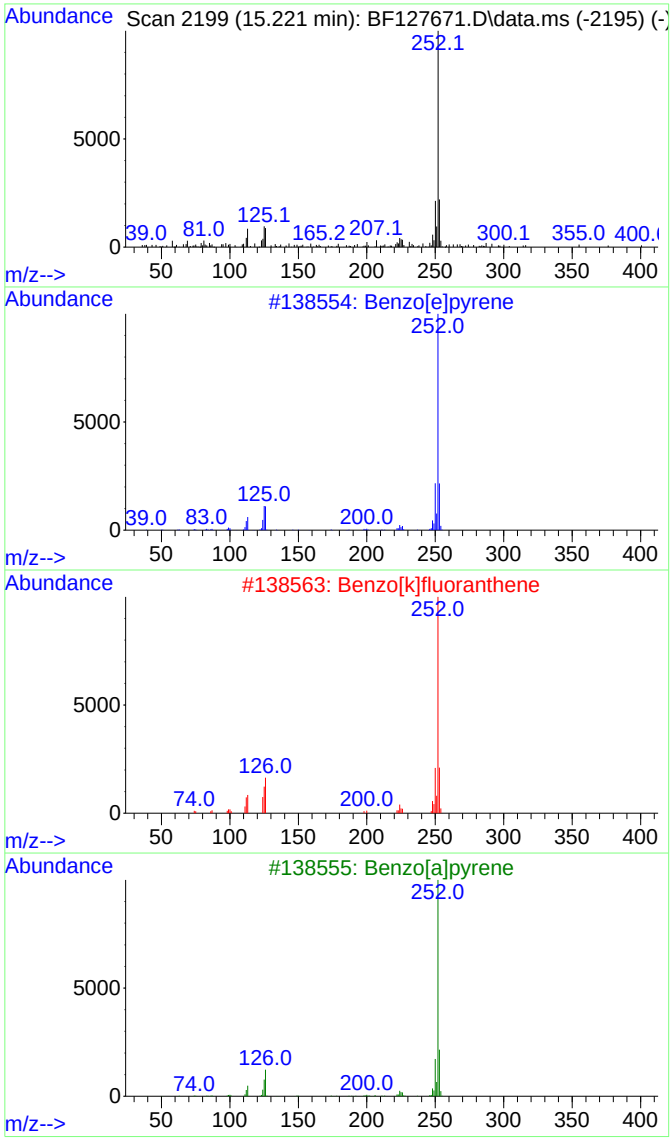
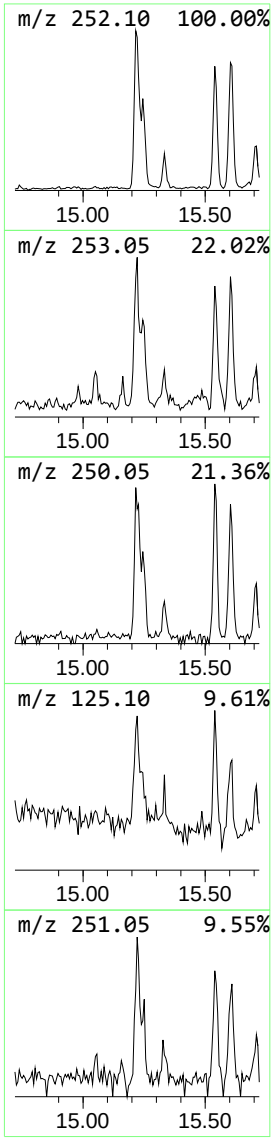
Peak Number 7 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.221	2.27 ng	89942	Perylene-d12	15.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	72





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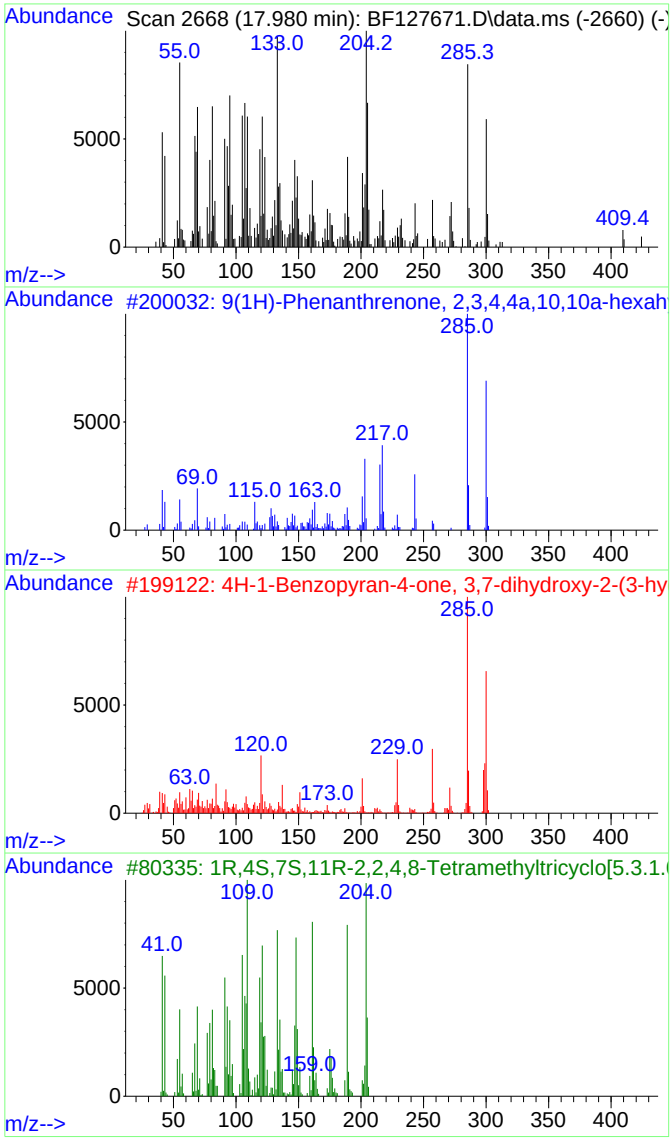
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

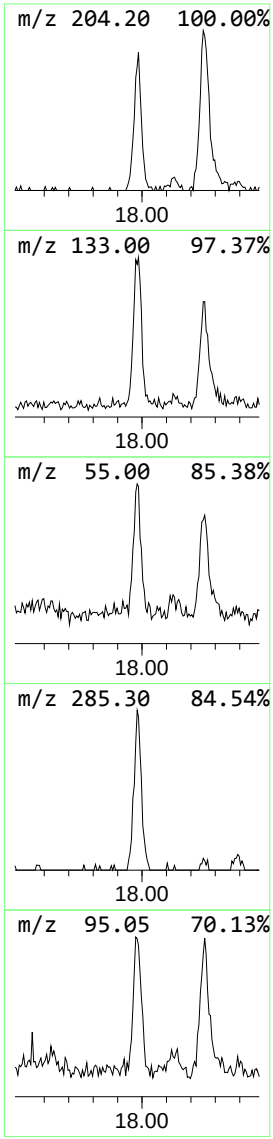
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 9(1H)-Phenanthrenone, 2,3,4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	10.53 ng	418222	Perylene-d12	15.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9(1H)-Phenanthrenone, 2,3,4,4a,1...	300	C20H28O2	000511-05-7	55
2	4H-1-Benzopyran-4-one, 3,7-dihyd...	300	C16H12O6	057396-72-2	44
3	1R,4S,7S,11R-2,2,4,8-Tetramethyl...	204	C15H24	1208118-28-8	43
4	Phenanthrene, 1,2,3,4,4a,9,10,10...	300	C21H32O	010064-26-3	43
5	Aromandendrene	204	C15H24	000489-39-4	42





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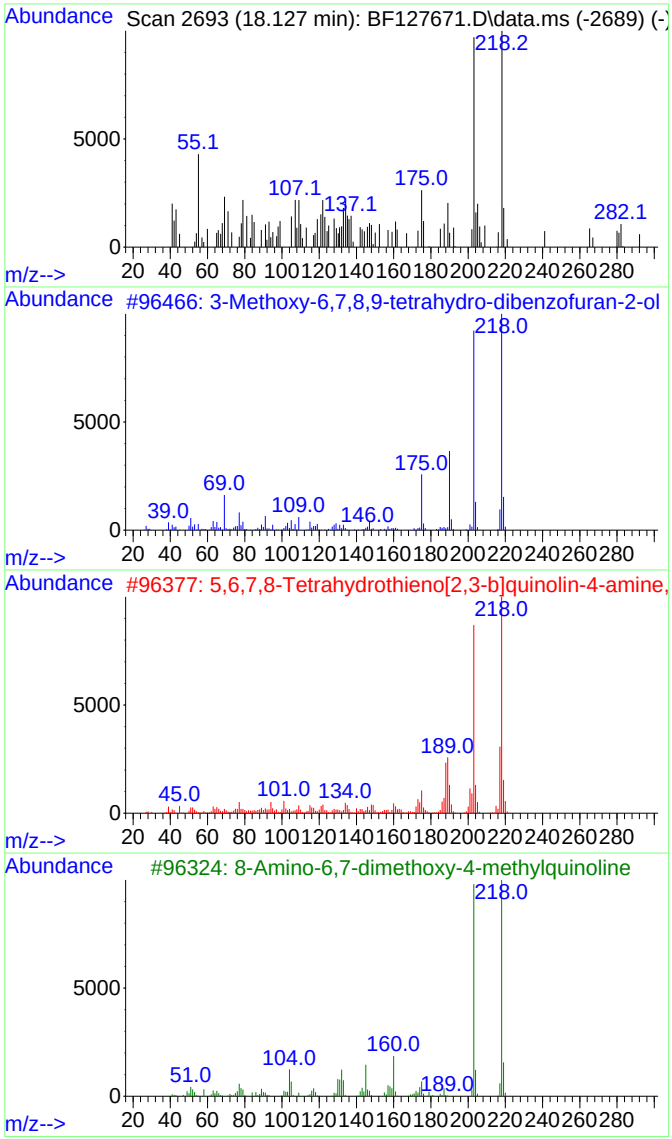
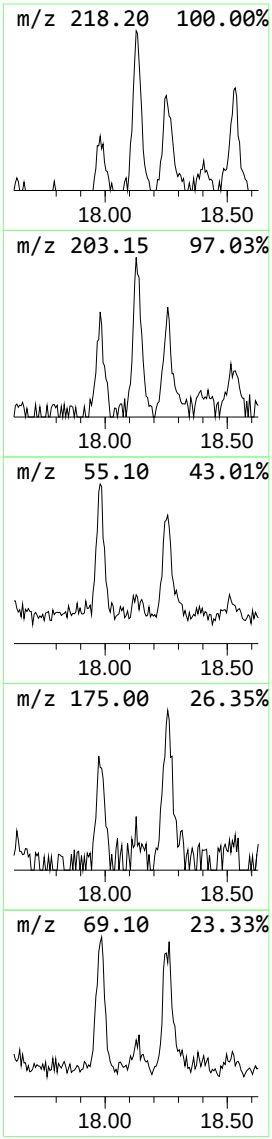
Peak Number 9 unknown18.127 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.127	2.08 ng	82598	Perylene-d12	15.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methoxy-6,7,8,9-tetrahydro-dib...	218	C13H14O3	1000186-57-9	49
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	218	C12H14N2S	134315-44-9	49
3	8-Amino-6,7-dimethoxy-4-methylqu...	218	C12H14N2O2	1000213-07-2	46
4	7-Isopropenyl-1,4a-dimethyl-4,4a...	218	C15H22O	000473-08-5	46
5	Indolizine, 1-acetyl-2-methyl-6-...	218	C11H10N2O3	1000071-33-1	46





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Data File : BF127671.D
Acq On : 07 Apr 2022 02:24
Operator : CG\JU
Sample : N2267-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LINDEN-SOUTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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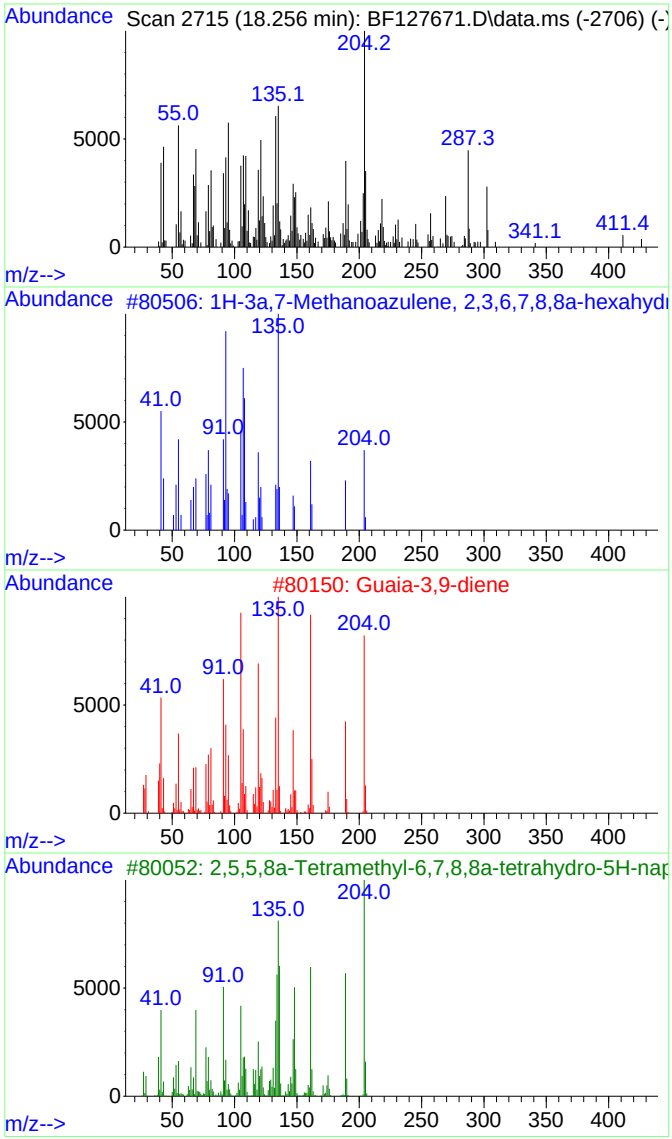
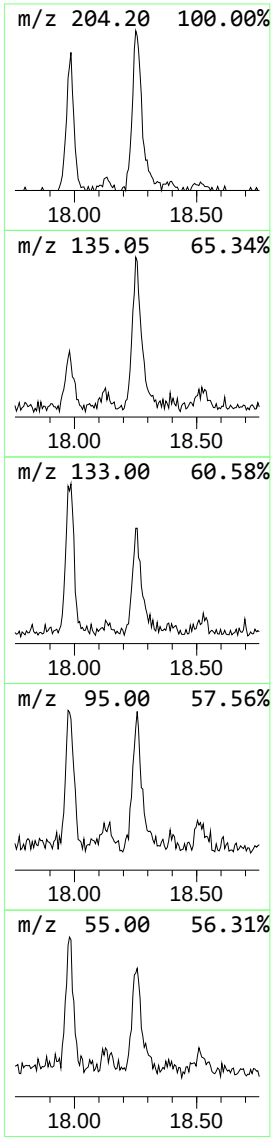
Peak Number 10 unknown18.256 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.256	12.29 ng	487992	Perylene-d12	15.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-3a,7-Methanoazulene, 2,3,6,7,...	204	C15H24	000560-32-7	49
2	Guaia-3,9-diene	204	C15H24	000489-83-8	46
3	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	41
4	5-Amino-6,8-dimethoxyquinoline	204	C11H12N2O2	1000213-95-2	35
5	Aciphyllene	204	C15H24	087745-31-1	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
Data File : BF127671.D
Acq On : 07 Apr 2022 02:24
Operator : CG\JU
Sample : N2267-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LINDEN-SOUTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.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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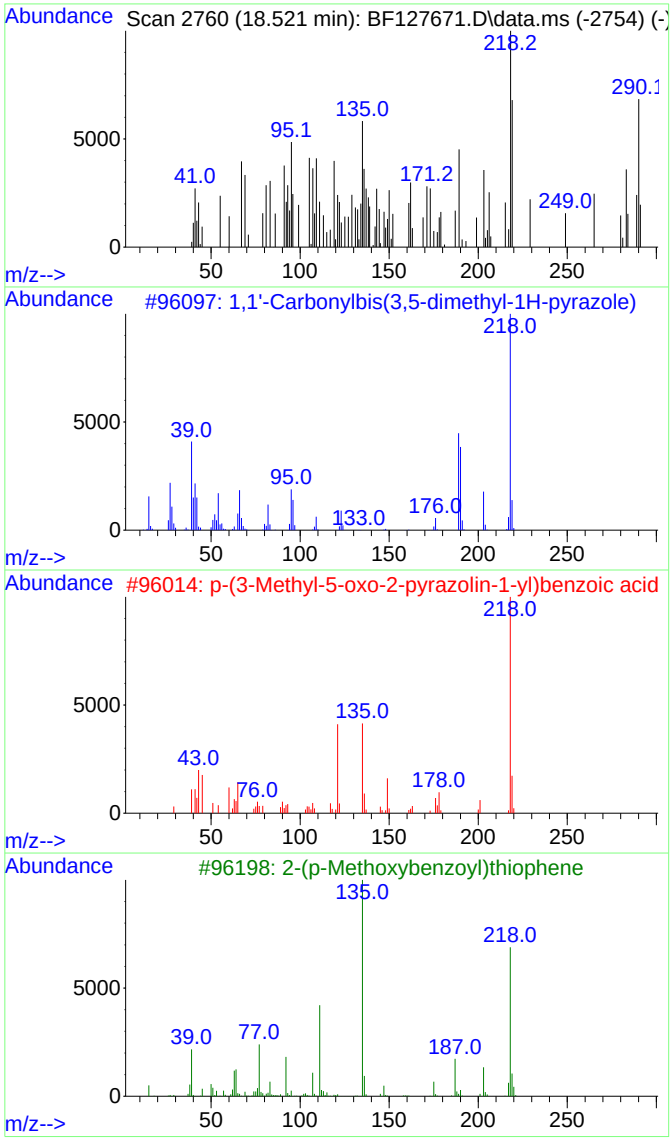
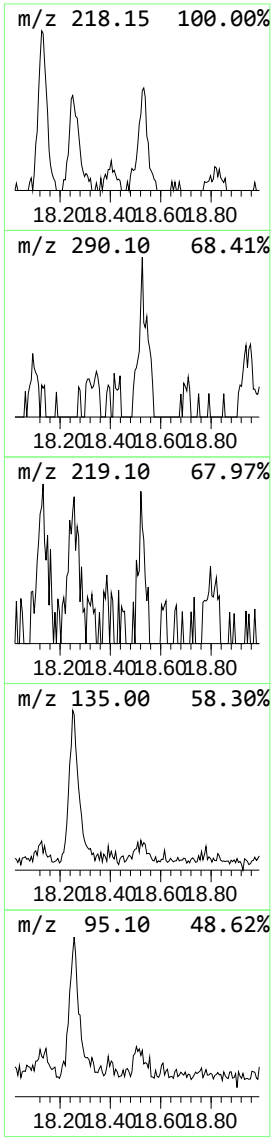
Peak Number 11 unknown18.521 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.521	2.29 ng	90716	Perylene-d12	15.674

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Carbonylbis(3,5-dimethyl-1H...	218	C11H14N4O	050476-17-0	25
2	p-(3-Methyl-5-oxo-2-pyrazolin-1-...	218	C11H10N2O3	060875-16-3	22
3	2-(p-Methoxybenzoyl)thiophene	218	C12H10O2S	004160-63-8	22
4	2-Amino-4-cyanomethyl-6-piperidi...	218	C10H14N6	1000241-05-9	22
5	Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	22





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040622\
Data File : BF127671.D
Acq On : 07 Apr 2022 02:24
Operator : CG\JU
Sample : N2267-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LINDEN-SOUTH

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Pentadecane, 2,...	10.922	2.3	ng	110693	4	11.498	971491	20.0
Heptadecanoic acid	12.015	2.0	ng	98744	4	11.498	971491	20.0
unknown13.780	13.780	2.8	ng	115290	5	14.151	828450	20.0
1-Tricosene	13.986	14.4	ng	596779	5	14.151	828450	20.0
E-7-Octadecene	14.627	2.1	ng	88771	5	14.151	828450	20.0
Benzo[e]pyrene	15.221	2.3	ng	89942	6	15.674	793989	20.0
9(1H)-Phenanthr...	17.980	10.5	ng	418222	6	15.674	793989	20.0
unknown18.127	18.127	2.1	ng	82598	6	15.674	793989	20.0
unknown18.256	18.256	12.3	ng	487992	6	15.674	793989	20.0
unknown18.521	18.521	2.3	ng	90716	6	15.674	793989	20.0