LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118670.D
Acq On : 22 Jan 2020 18:42
Operator : CG/JU
Sample : L1215-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200055

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.175	8	15	23	rVB	1657818	2236231	27.60%	3.101%
2	5.098	505	512	518	rVB2	141167	192576	2.38%	0.267%
3	5.498	573	580	583	rBV	6131904	5935741	73.27%	8.231%
4	6.498	744	750	756	rBV	5673735	6255655	77.21%	8.675%
5	6.704	782	785	791	rBV	305802	262484	3.24%	0.364%
6	6.875	811	814	818	rBV	2175979	1944308	24.00%	2.696%
7	6.939	822	825	828	rBV	106192	88453	1.09%	0.123%
8	7.034	837	841	845	rBV	5690476	5123196	63.24%	7.104%
9	7.198	865	869	872	rBV	119732	99972	1.23%	0.139%
10	7.434	903	909	912	rBV	4304776	4101579	50.63%	5.688%
11	7.651	941	946	948	rBV	112086	108990	1.35%	0.151%
12	7.675	948	950	954	rVB	109520	86068	1.06%	0.119%
13	7.898	983	988	992	rBV3	91826	106774	1.32%	0.148%
14	8.157	1028	1032	1036	rBV	2814430	2666155	32.91%	3.697%
15	8.869	1148	1153	1159	rBV	90421	86823	1.07%	0.120%
16	9.233	1210	1215	1219	rBV	7627963	7361655	90.87%	10.208%
17	9.580	1267	1274	1276	rBV2	124894	128917	1.59%	0.179%
18	9.622	1278	1281	1285	rVB	449023	392432	4.84%	0.544%
19	9.916	1324	1331	1334	rBV	3755476	3270877	40.37%	4.536%
20	9.945	1334	1336	1346	rVB	109382	105253	1.30%	0.146%
21	10.704	1458	1465	1468	rBV	5333240	5280809	65.18%	7.323%
22	10.827	1482	1486	1493	rVB4	58741	84432	1.04%	0.117%
23	11.398	1579	1583	1586	rBV	3754759	3475758	42.90%	4.820%
24	11.422	1586	1587	1590	rVV	380980	242148	2.99%	0.336%
25	11.469	1590	1595	1599	rVB3	115421	140959	1.74%	0.195%
26	11.927	1670	1673	1680	rBV	737294	670905	8.28%	0.930%
27	12.010	1684	1687	1690	rBV2	89065	90154	1.11%	0.125%
28	12.610	1785	1789	1795	rBV	765796	674940	8.33%	0.936%
29	12.710	1802	1806	1813	rBV2	138539	173128	2.14%	0.240%
30	12.839	1822	1828	1831	rBV	569030	616968	7.62%	0.856%
31	12.986	1848	1853	1856	rBV	8413315	8101655	100.00%	11.235%
32	13.739	1978	1981	1984	rBV	243435	201999	2.49%	0.280%
33	13.874	2001	2004	2015	rBV	1011149	1178498	14.55%	1.634%
34	14.033	2025	2031	2034	rBV	3134011	3255375	40.18%	4.514%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118670.D
Acq On : 22 Jan 2020 18:42
Operator : CG/JU
Sample : L1215-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200055

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-BF012020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.057	2034	2035	2042	rVB	301430	230066	2.84%	0.319%
36	14.204	2056	2060	2066	rVB2	178888	186653	2.30%	0.259%
37	14.510	2106	2112	2116	rBV	426761	475759	5.87%	0.660%
38	14.815	2160	2164	2168	rBV	461145	472340	5.83%	0.655%
39	14.898	2174	2178	2183	rBV4	85729	133005	1.64%	0.184%
40	15.074	2204	2208	2216	rVB	197033	405295	5.00%	0.562%
41	15.157	2218	2222	2233	rVB2	453554	628017	7.75%	0.871%
42	15.380	2256	2260	2266	rBV	109260	149312	1.84%	0.207%
43	15.439	2266	2270	2275	rVB	145327	186933	2.31%	0.259%
44	15.509	2276	2282	2285	rBV	2067480	2727204	33.66%	3.782%
45	15.545	2285	2288	2295	rVB2	391659	535566	6.61%	0.743%
46	15.986	2358	2363	2368	rBV	312836	468654	5.78%	0.650%
47	16.039	2368	2372	2381	rVB7	74380	146133	1.80%	0.203%
48	16.498	2445	2450	2460	rBV	154487	279261	3.45%	0.387%
49	16.974	2526	2531	2537	rBV2	63470	121178	1.50%	0.168%
50	17.098	2547	2552	2559	rVB	64575	119794	1.48%	0.166%
51	17.415	2602	2606	2614	rVB2	53141	106740	1.32%	0.148%

Sum of corrected areas: 72113777

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
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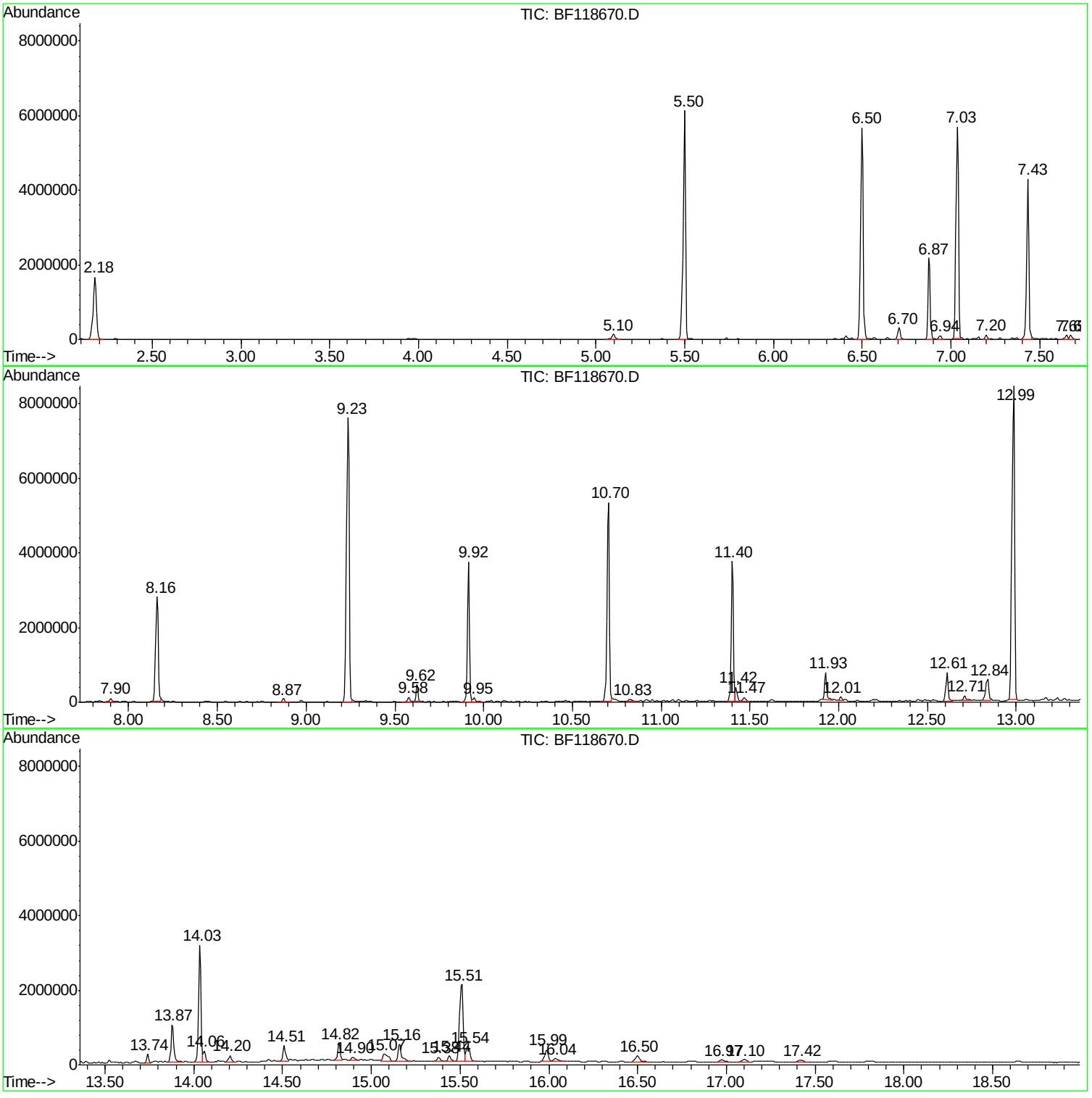
Acq On : 22 Jan 2020 18:42
Operator : CG/JU
Sample : L1215-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200055

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118670.D
Acq On : 22 Jan 2020 18:42
Operator : CG/JU
Sample : L1215-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200055

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

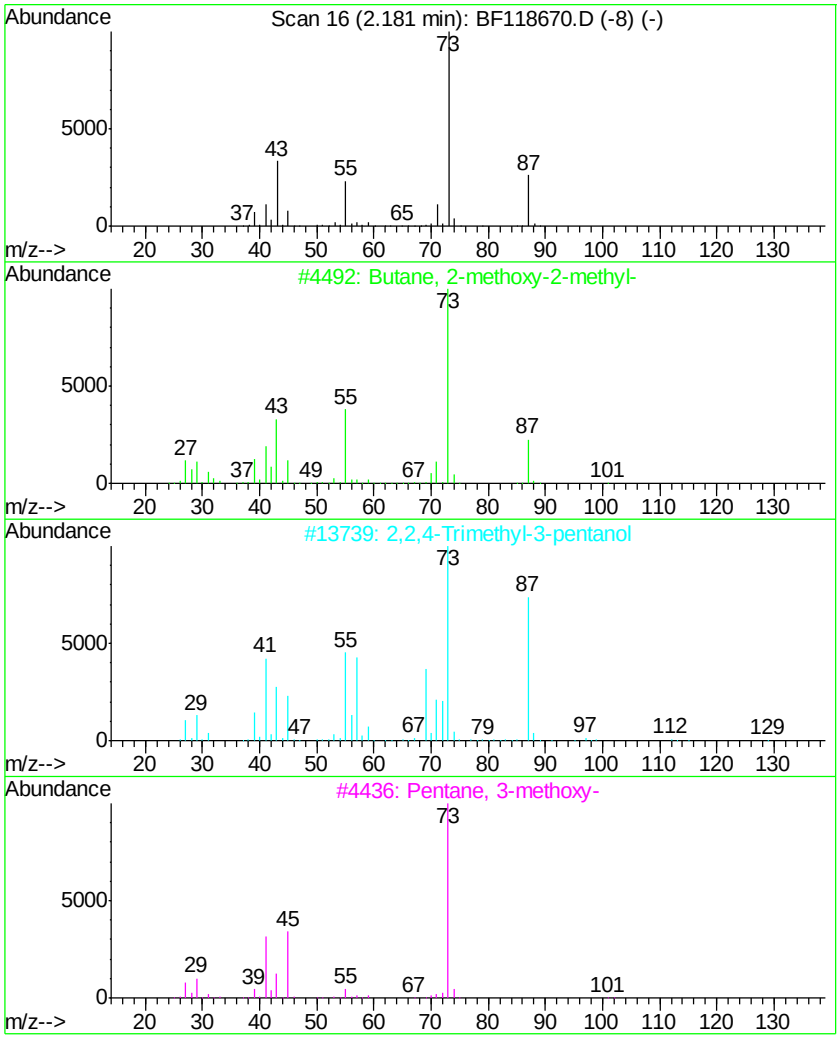
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

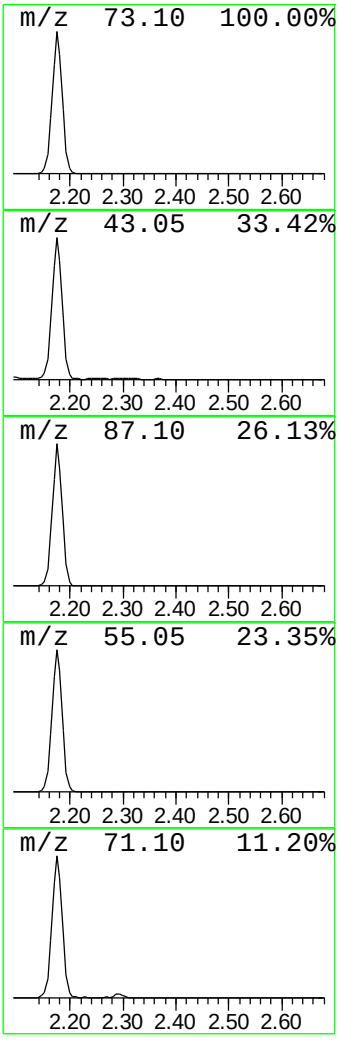
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.18	23.00 ng	2236230	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118670.D
Acq On : 22 Jan 2020 18:42
Operator : CG/JU
Sample : L1215-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200055

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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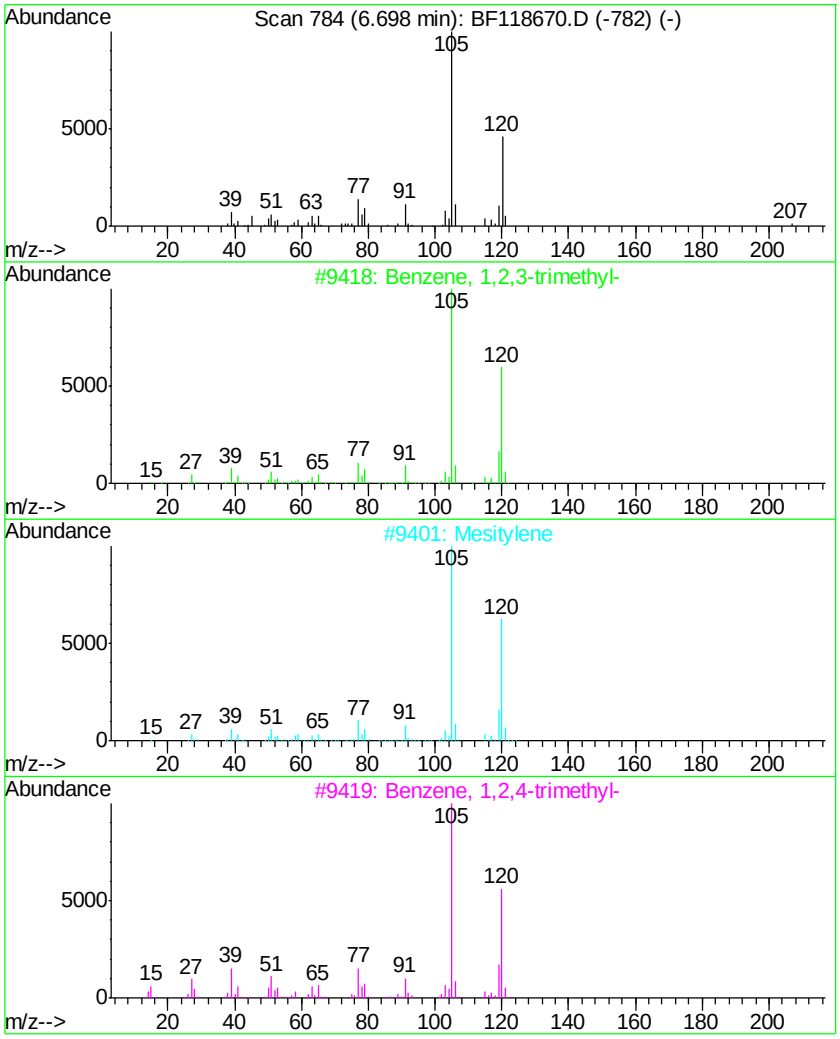
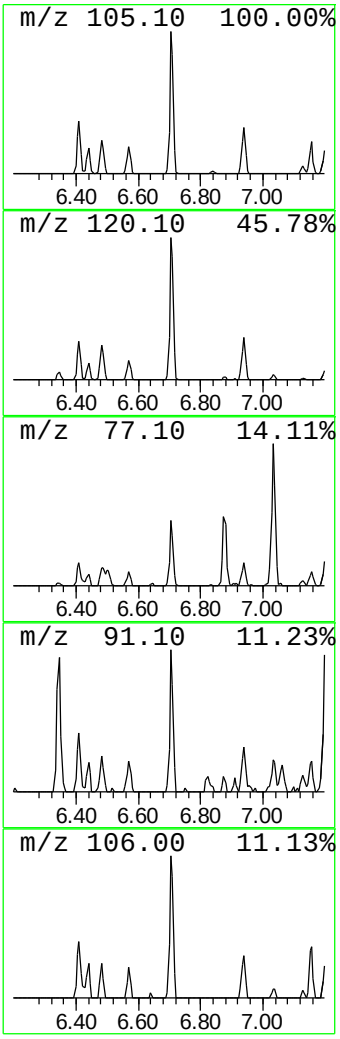
Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	2.70 ng	262484	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118670.D
Acq On : 22 Jan 2020 18:42
Operator : CG/JU
Sample : L1215-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200055

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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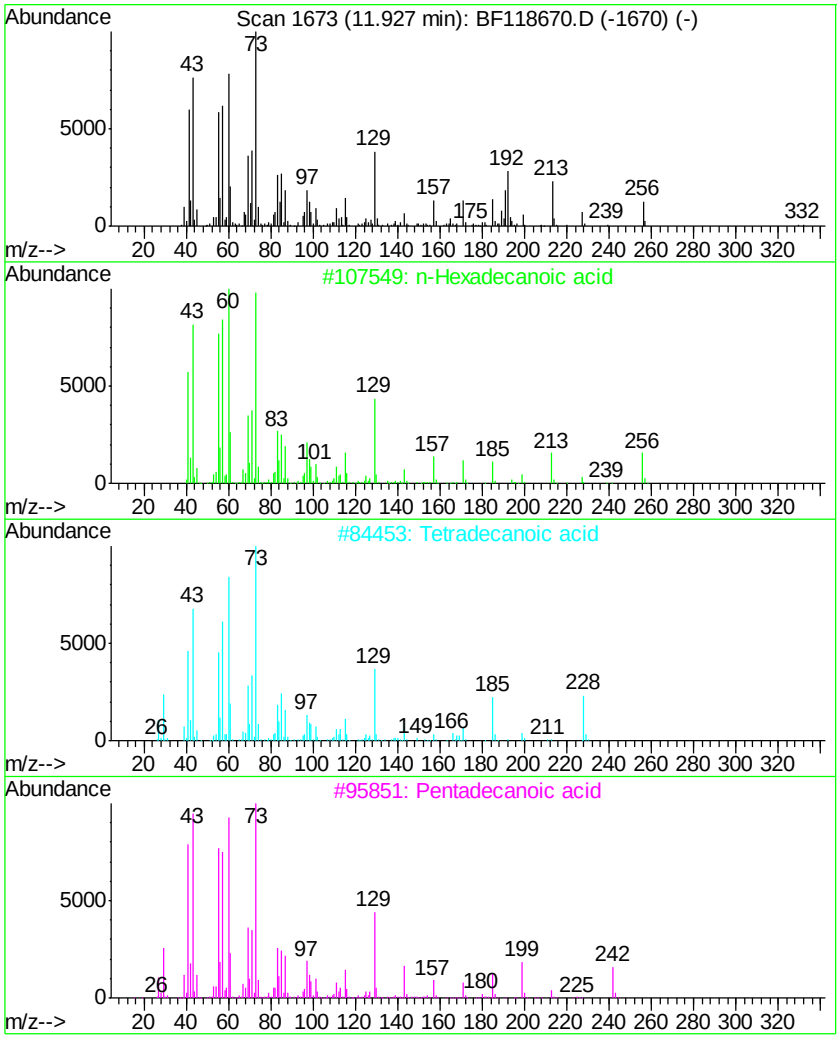
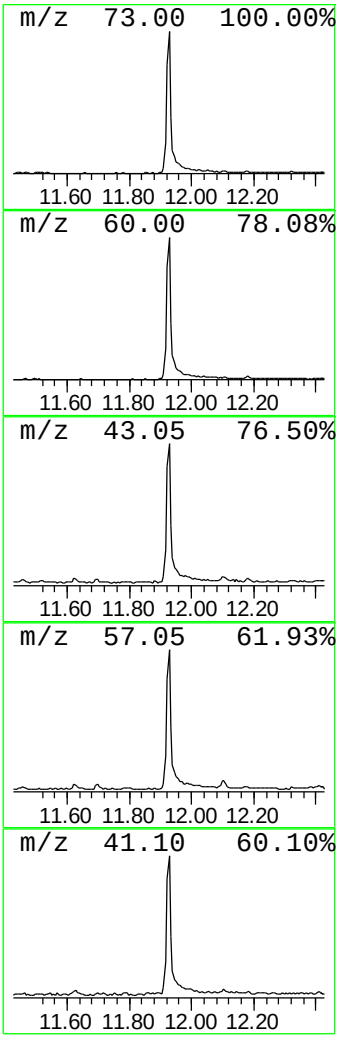
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.86 ng	670905	Phenanthrene-d10	11.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4	Octadecanoic acid	284	C18H36O2	000057-11-4	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118670.D
Acq On : 22 Jan 2020 18:42
Operator : CG/JU
Sample : L1215-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200055

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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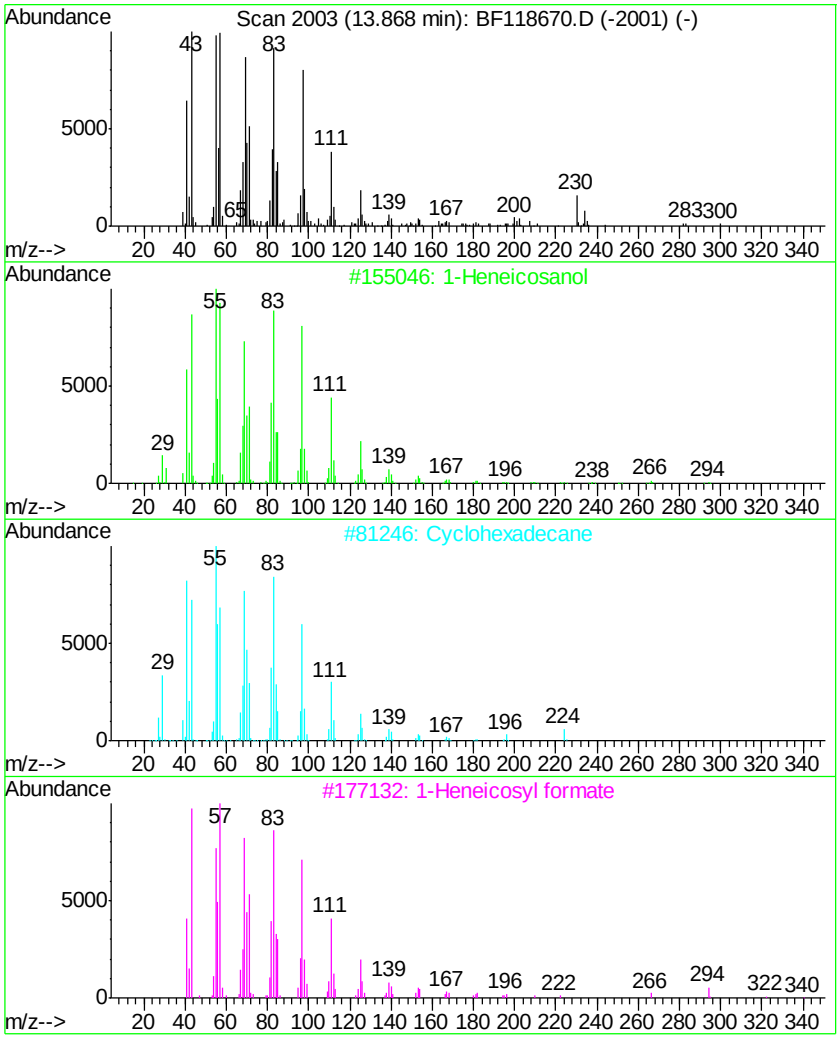
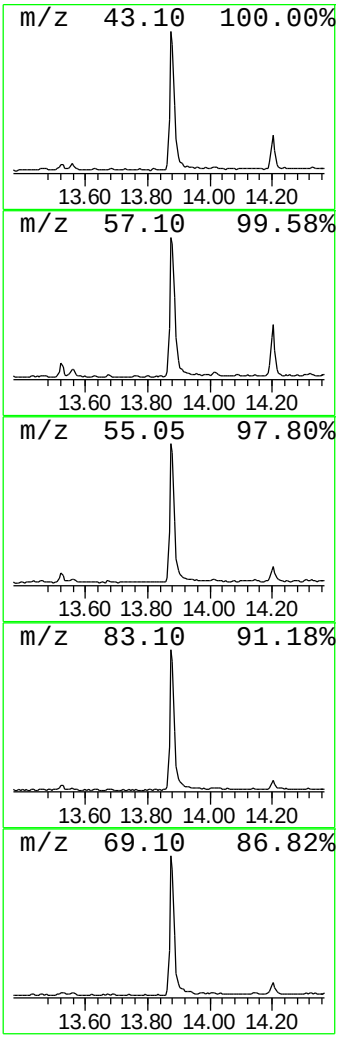
Peak Number 5 1-Heneicosanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	7.24 ng	1178500	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Cyclohexadecane	224	C16H32	000295-65-8	95
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
5	Behenic alcohol	326	C22H46O	000661-19-8	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118670.D
Acq On : 22 Jan 2020 18:42
Operator : CG/JU
Sample : L1215-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200055

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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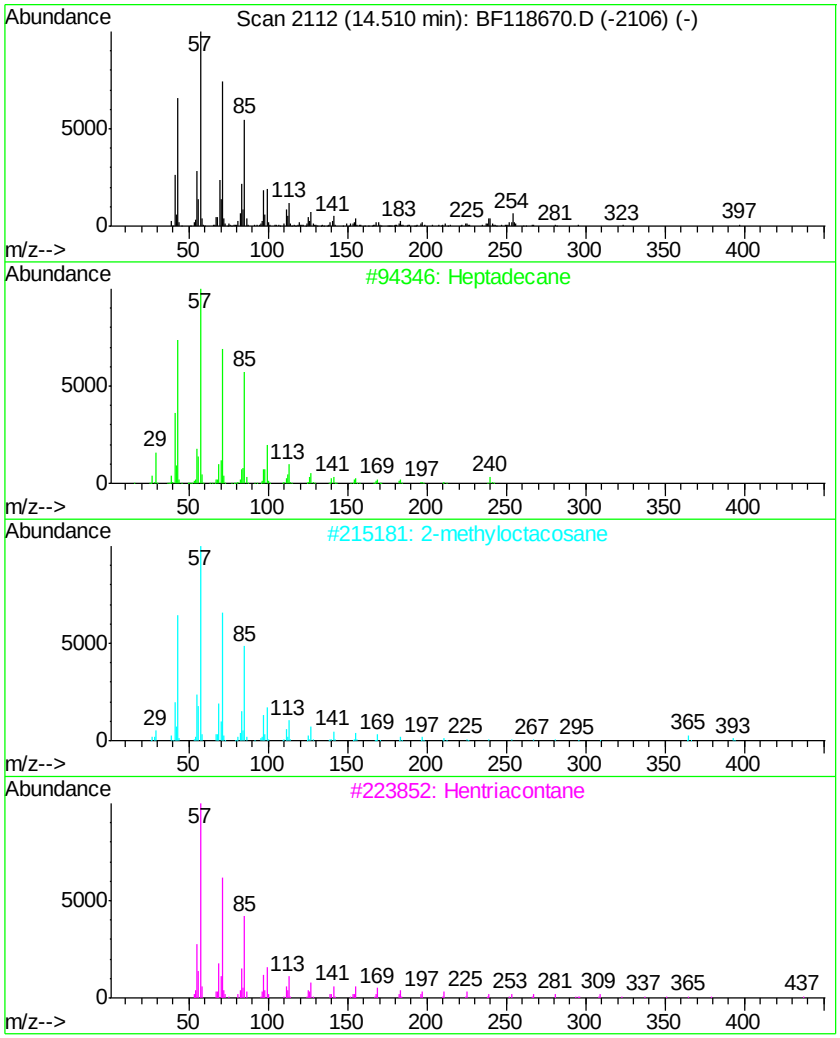
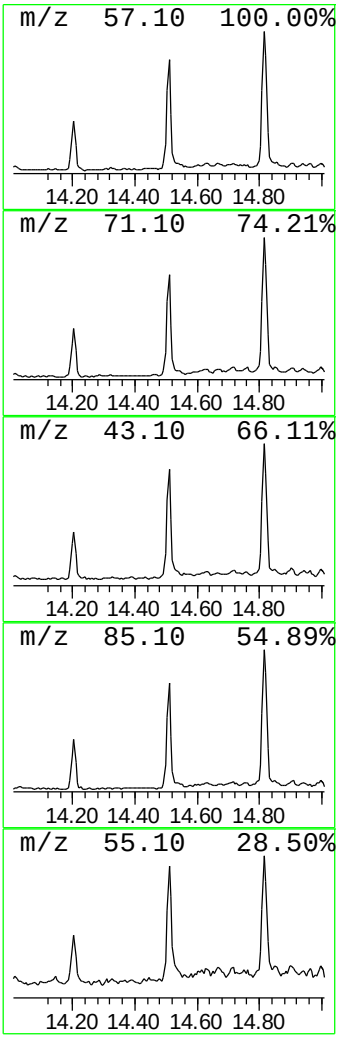
Peak Number 6 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.51	2.92 ng	475759	Chrysene-d12	14.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	98
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Hentriacontane	437	C31H64	000630-04-6	91
4	Sulfurous acid, dodecyl 2-propyl...	292	C15H32O3S	1000309-12-3	91
5	Hexacosane	366	C26H54	000630-01-3	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118670.D
Acq On : 22 Jan 2020 18:42
Operator : CG/JU
Sample : L1215-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200055

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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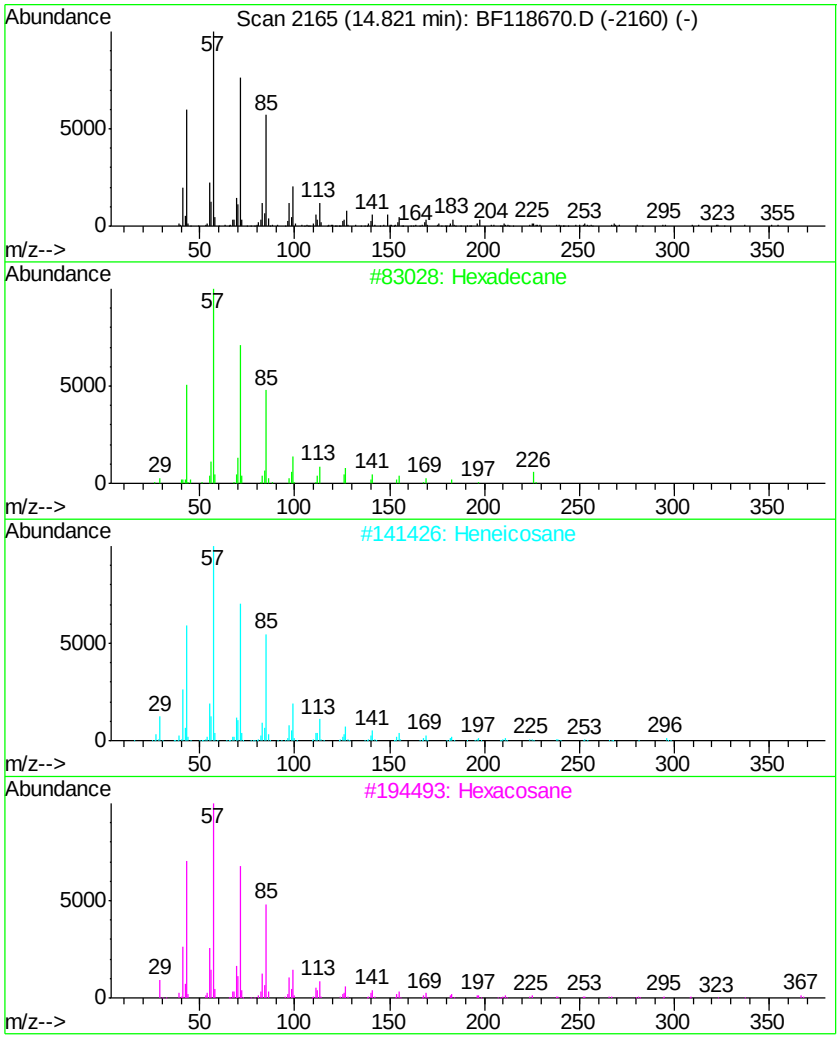
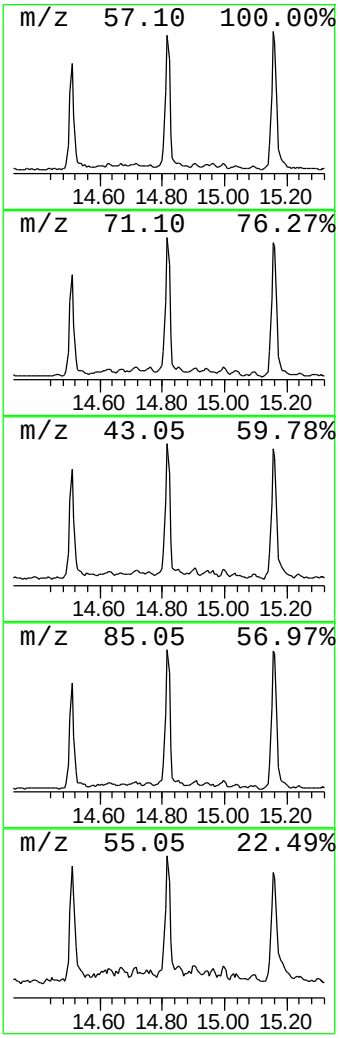
Peak Number 7 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	3.46 ng	472340	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	90
5	Nonadecane	268	C19H40	000629-92-5	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118670.D
Acq On : 22 Jan 2020 18:42
Operator : CG/JU
Sample : L1215-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200055

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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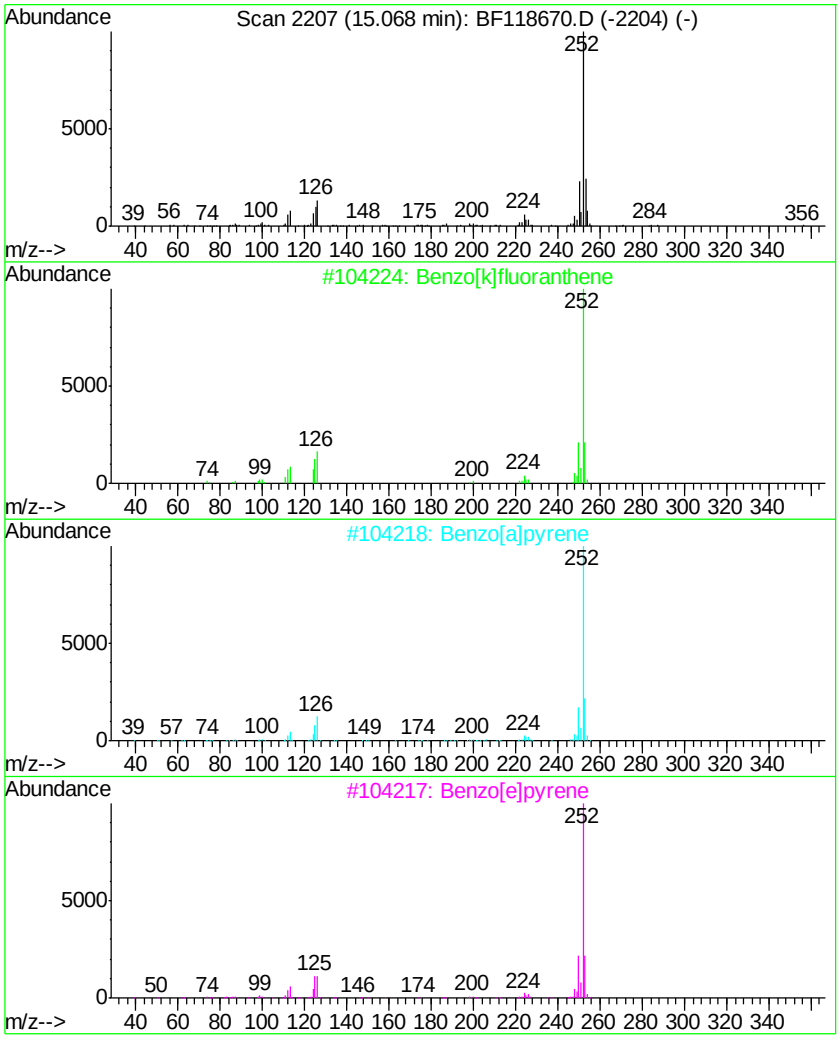
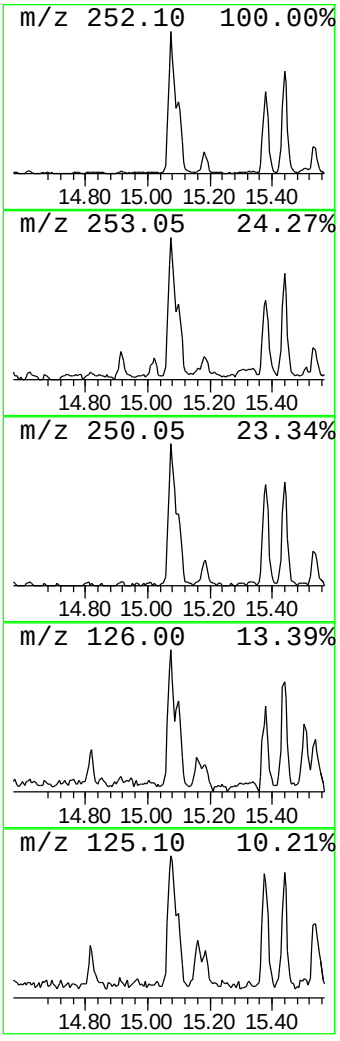
Peak Number 8 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	2.97 ng	405295	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[a]pyrene	252	C20H12	000050-32-8	95
3	Benzo[e]pyrene	252	C20H12	000192-97-2	95
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
Data File : BF118670.D
Acq On : 22 Jan 2020 18:42
Operator : CG/JU
Sample : L1215-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200055

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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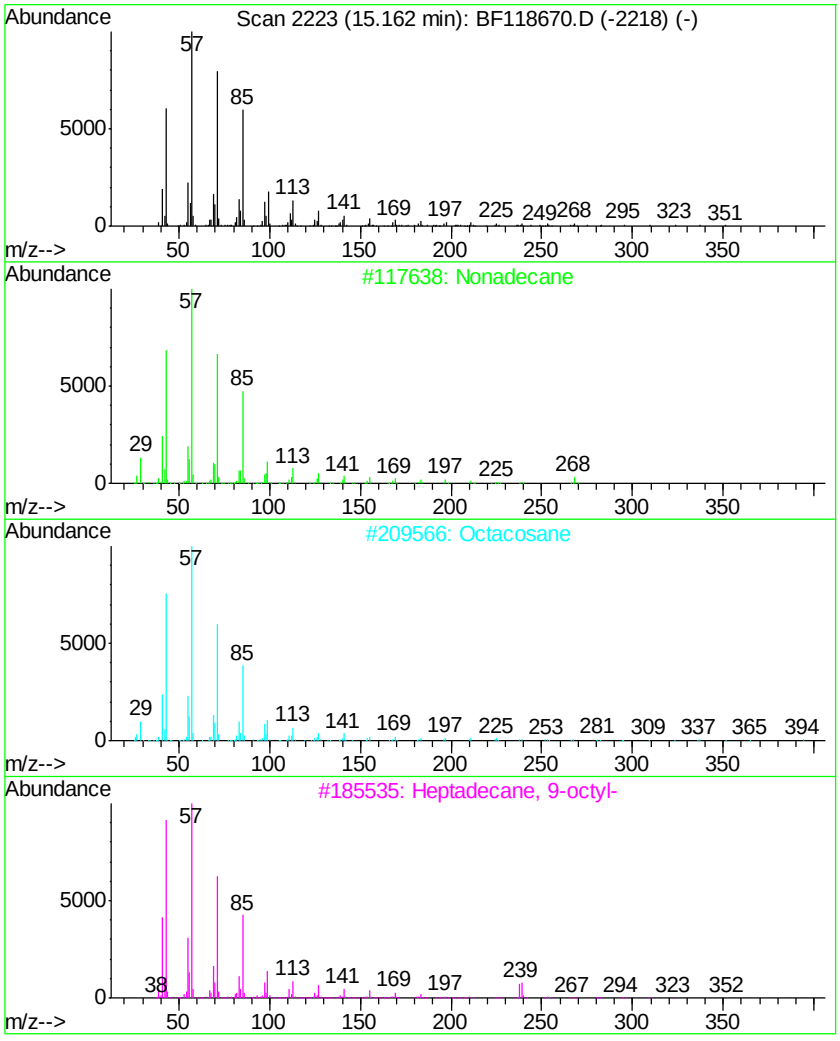
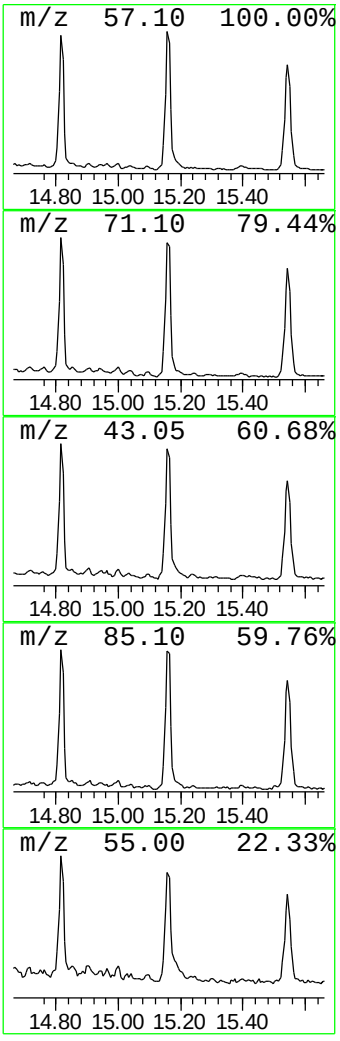
Peak Number 9 Nonadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	4.61 ng	628017	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Octacosane	394	C28H58	000630-02-4	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	91





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Acq On : 22 Jan 2020 18:42
Operator : CG/JU
Sample : L1215-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200055

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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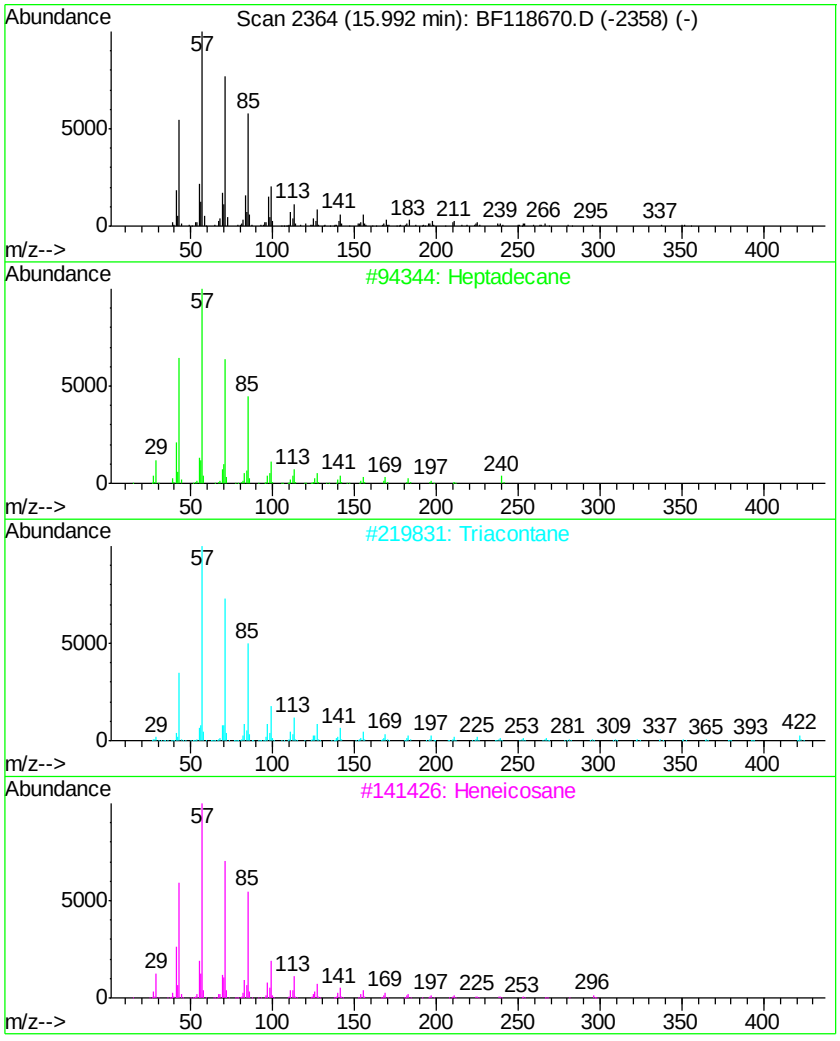
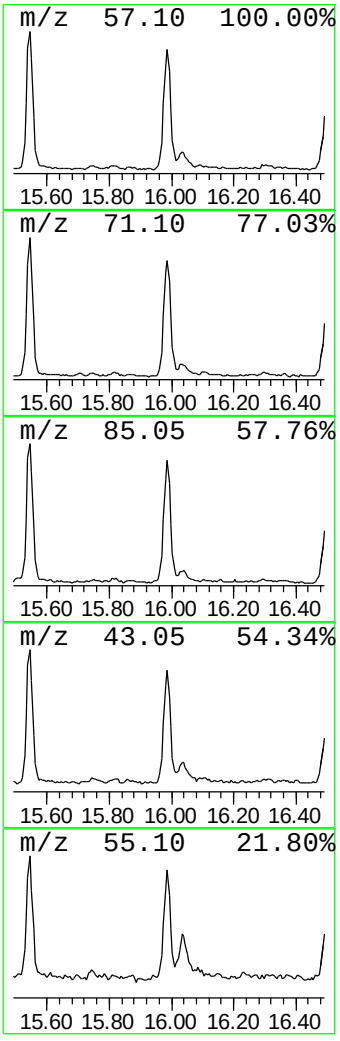
Peak Number 10 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	3.44 ng	468654	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	95
2	Triacontane	422	C30H62	000638-68-6	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Tetracosane	338	C24H50	000646-31-1	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012220\
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Operator : CG/JU
Sample : L1215-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200055

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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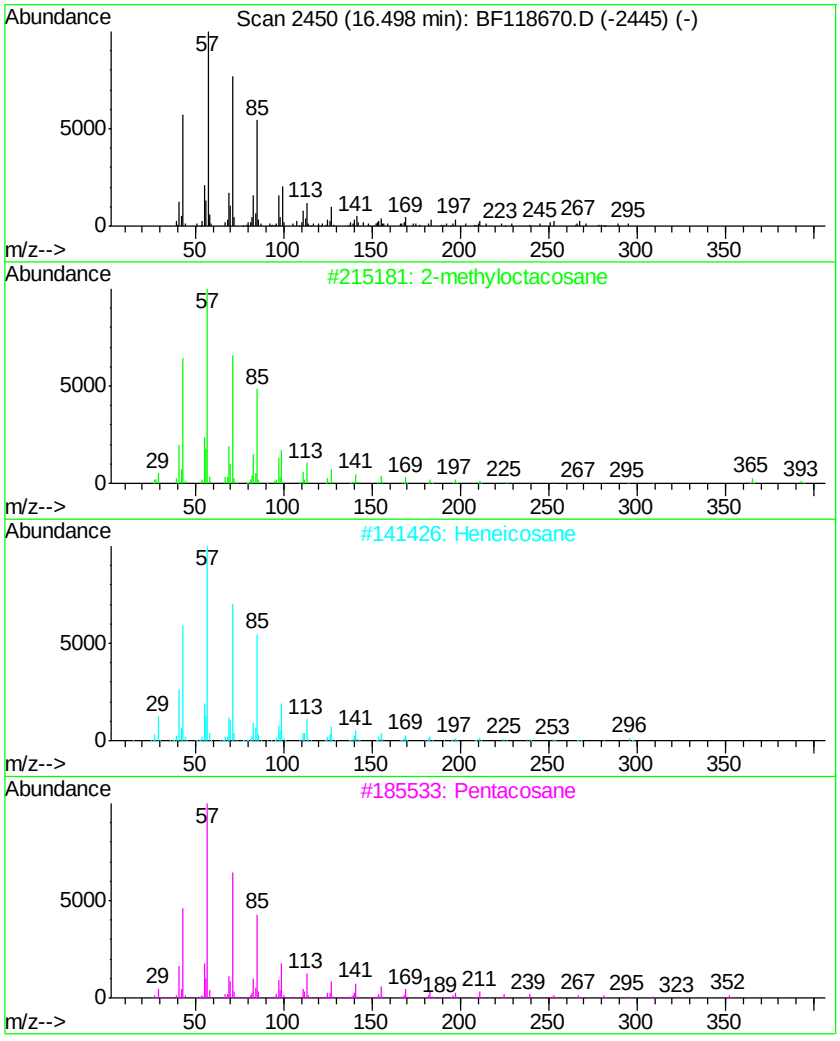
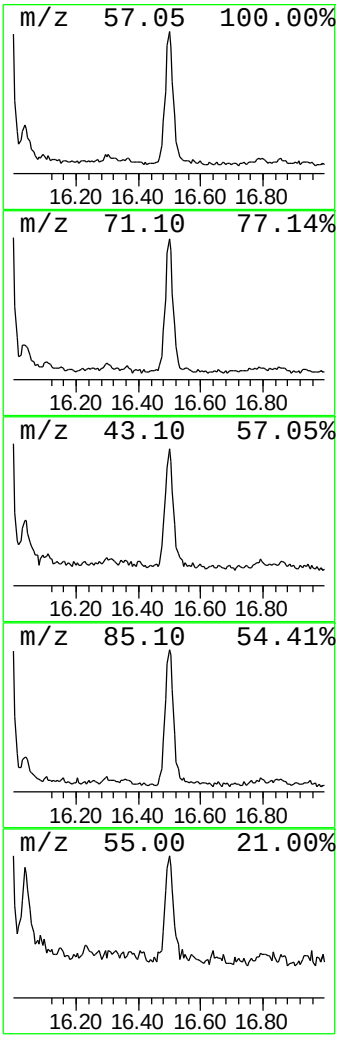
Peak Number 11 Pentacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	2.05 ng	279261	Perylene-d12	15.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	Octacosane	394	C28H58	000630-02-4	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF012220\
Data File : BF118670.D
Acq On : 22 Jan 2020 18:42
Operator : CG/JU
Sample : L1215-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RBR-200055

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.18	23.0	ng	2236230	1	6.87	1944310	20.0
Benzene, 1,2,3-tr...	6.70	2.7	ng	262484	1	6.87	1944310	20.0
n-Hexadecanoic acid	11.93	3.9	ng	670905	4	11.40	3475760	20.0
1-Heneicosanol	13.87	7.2	ng	1178500	5	14.03	3255380	20.0
Heptadecane	14.51	2.9	ng	475759	5	14.03	3255380	20.0
Hexadecane	14.82	3.5	ng	472340	6	15.51	2727200	20.0
Benzo[e]pyrene	15.07	3.0	ng	405295	6	15.51	2727200	20.0
Nonadecane	15.16	4.6	ng	628017	6	15.51	2727200	20.0
Heneicosane	15.99	3.4	ng	468654	6	15.51	2727200	20.0
Pentacosane	16.50	2.0	ng	279261	6	15.51	2727200	20.0