LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121016.D
Acq On : 24 Jul 2020 21:51
Operator : JU/CG
Sample : L3382-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-023

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-BF071620.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	5.428	563	568	571	rBV	2622368	2552253	79.66%	9.588%
2	6.445	736	741	744	rBV	2564137	2496755	77.93%	9.379%
3	6.640	771	774	780	rBV	109988	117475	3.67%	0.441%
4	6.810	800	803	807	rBV	956607	842573	26.30%	3.165%
5	7.375	894	899	902	rBV	1926426	1676715	52.33%	6.299%
6	8.098	1018	1022	1025	rBV	1172335	1004562	31.35%	3.774%
7	9.169	1200	1204	1222	rBV	3007916	3204038	100.00%	12.037%
8	9.563	1268	1271	1280	rBV	531785	463651	14.47%	1.742%
9	9.710	1293	1296	1301	rBV	44998	38519	1.20%	0.145%
10	9.851	1316	1320	1323	rBV	1171622	1041345	32.50%	3.912%
11	10.633	1449	1453	1471	rBV	1633988	1734935	54.15%	6.518%
12	10.757	1471	1474	1482	rVB4	25559	44915	1.40%	0.169%
13	11.333	1568	1572	1574	rBV	1087519	998433	31.16%	3.751%
14	11.357	1574	1576	1580	rVV	332570	295514	9.22%	1.110%
15	11.404	1580	1584	1588	rVB	73909	87834	2.74%	0.330%
16	11.833	1653	1657	1659	rBV	62076	56238	1.76%	0.211%
17	11.863	1659	1662	1665	rVV	117988	111524	3.48%	0.419%
18	11.898	1665	1668	1672	rVV2	70310	85948	2.68%	0.323%
19	11.945	1672	1676	1678	rVV2	75186	88148	2.75%	0.331%
20	11.969	1678	1680	1685	rVB	43445	36318	1.13%	0.136%
21	12.151	1709	1711	1715	rVB2	36843	37020	1.16%	0.139%
22	12.380	1744	1750	1754	rBV	56523	70614	2.20%	0.265%
23	12.463	1762	1764	1770	rVB3	39062	41093	1.28%	0.154%
24	12.539	1774	1777	1782	rVV	442028	423384	13.21%	1.591%
25	12.769	1810	1816	1819	rBV	403368	410648	12.82%	1.543%
26	12.821	1823	1825	1829	rVB2	30546	34814	1.09%	0.131%
27	12.916	1837	1841	1850	rVB	2817127	2724867	85.04%	10.236%
28	12.986	1850	1853	1857	rBV2	35320	47187	1.47%	0.177%
29	13.074	1865	1868	1870	rBV3	34973	44670	1.39%	0.168%
30	13.098	1870	1872	1875	rVB	63665	55308	1.73%	0.208%
31	13.163	1875	1883	1886	rBV3	45811	89390	2.79%	0.336%
32	13.204	1886	1890	1892	rBV2	63368	64483	2.01%	0.242%
33	13.327	1908	1911	1914	rBV	35050	34696	1.08%	0.130%
34	13.492	1933	1939	1943	rBV6	38388	75275	2.35%	0.283%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121016.D
Acq On : 24 Jul 2020 21:51
Operator : JU/CG
Sample : L3382-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-023

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-BF071620.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.604	1955	1958	1963	rVB	77369	74027	2.31%	0.278%
36	13.716	1972	1977	1980	rBV2	62705	96273	3.00%	0.362%
37	13.821	1991	1995	2004	rBV3	282215	475233	14.83%	1.785%
38	13.968	2012	2020	2022	rBV2	1137295	1279625	39.94%	4.807%
39	13.992	2022	2024	2027	rVB	227565	184935	5.77%	0.695%
40	14.133	2046	2048	2054	rVB4	54435	59396	1.85%	0.223%
41	14.351	2083	2085	2088	rVB	46034	40138	1.25%	0.151%
42	14.392	2089	2092	2095	rVB2	41294	41994	1.31%	0.158%
43	14.439	2097	2100	2103	rBV2	101667	105001	3.28%	0.394%
44	14.598	2124	2127	2131	rBV2	38816	42472	1.33%	0.160%
45	14.745	2148	2152	2155	rBV	128033	129594	4.04%	0.487%
46	14.886	2174	2176	2178	rBV2	37269	32053	1.00%	0.120%
47	14.992	2190	2194	2204	rBV	236604	473706	14.78%	1.780%
48	15.074	2205	2208	2211	rBV2	156685	170952	5.34%	0.642%
49	15.292	2241	2245	2251	rVB	144990	190214	5.94%	0.715%
50	15.351	2251	2255	2261	rBV	164200	194513	6.07%	0.731%
51	15.415	2261	2266	2269	rBV	848974	1043062	32.55%	3.918%
52	15.445	2269	2271	2277	rVB3	155539	209511	6.54%	0.787%
53	15.874	2340	2344	2350	rVB	128651	177102	5.53%	0.665%
54	15.945	2352	2356	2362	rBV8	42797	114378	3.57%	0.430%
55	16.651	2474	2476	2487	rVB6	54264	113089	3.53%	0.425%
56	16.833	2503	2507	2515	rBV2	67570	126430	3.95%	0.475%
57	17.262	2577	2580	2588	rVB2	55482	114472	3.57%	0.430%

Sum of corrected areas: 26619312

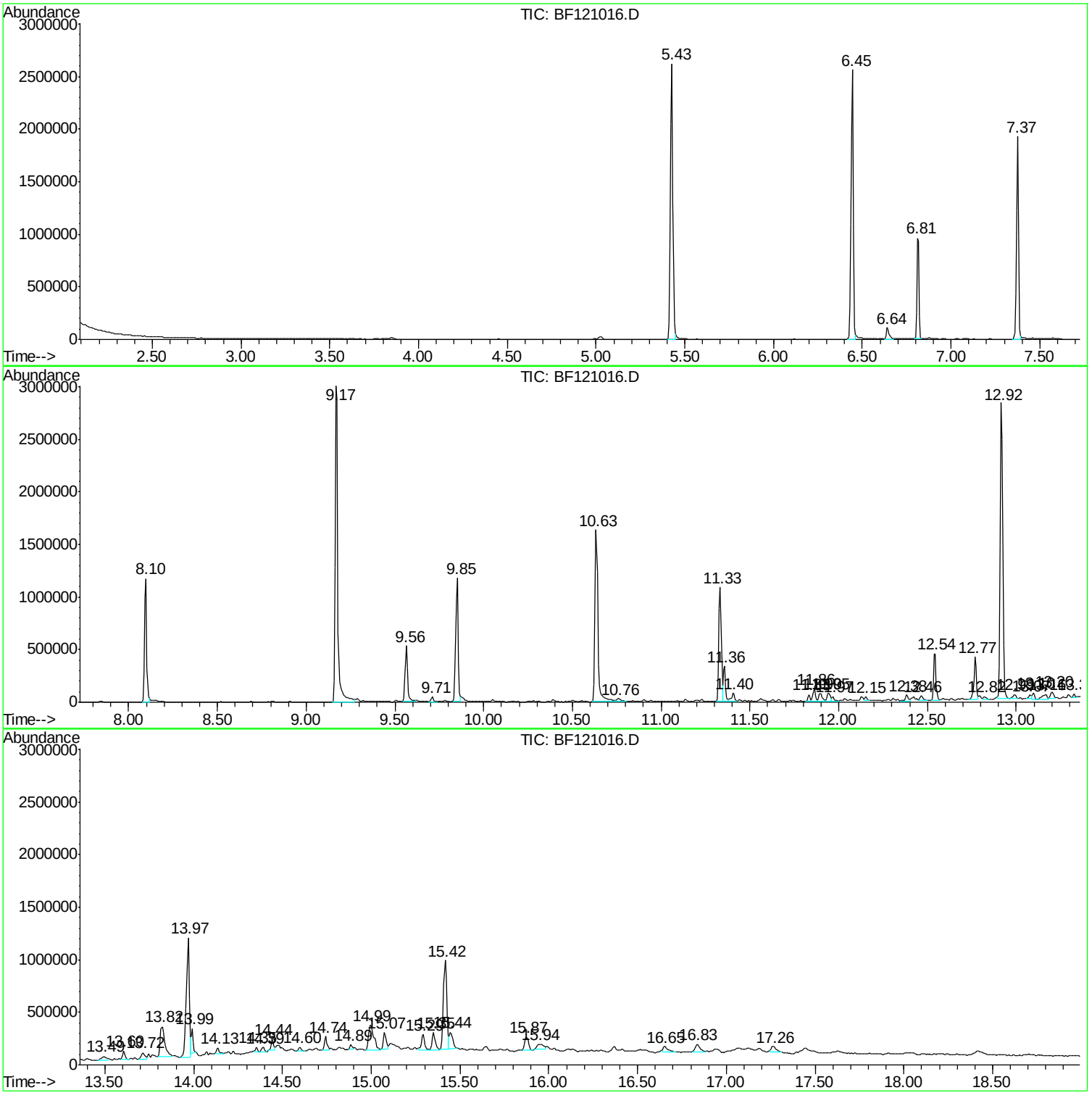
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121016.D
Acq On : 24 Jul 2020 21:51
Operator : JU/CG
Sample : L3382-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-023

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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\BF072420\
Data File : BF121016.D
Acq On : 24 Jul 2020 21:51
Operator : JU/CG
Sample : L3382-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-023

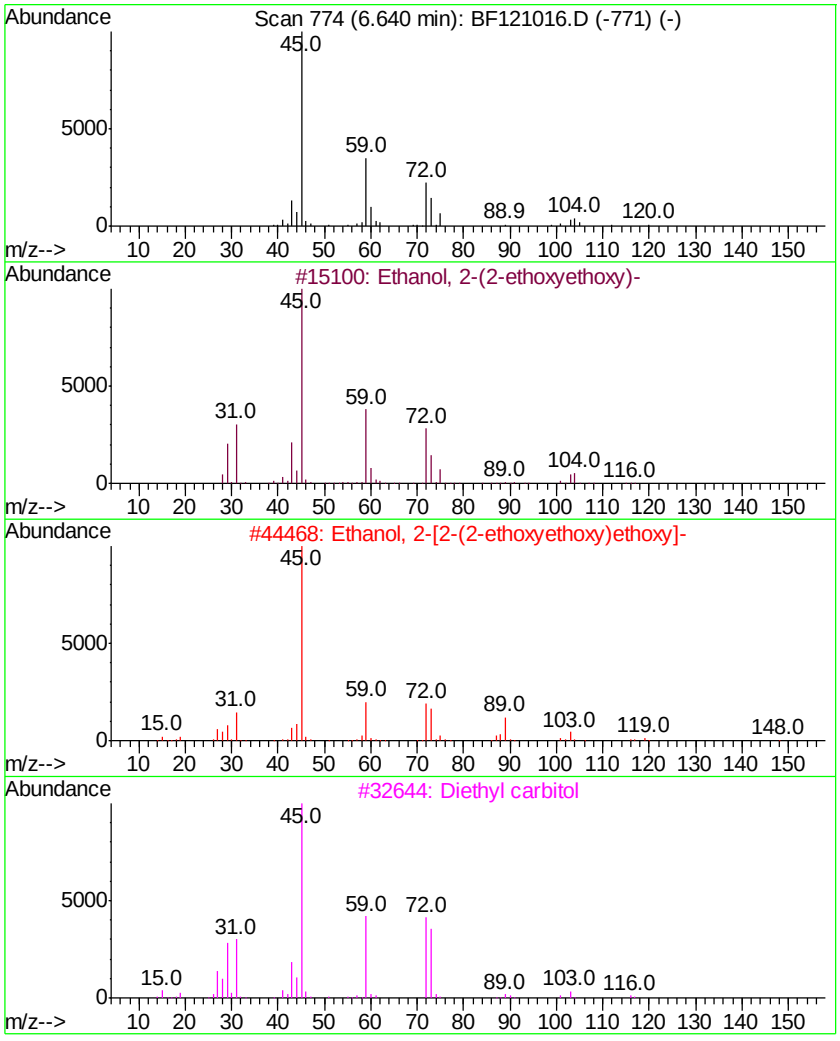
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

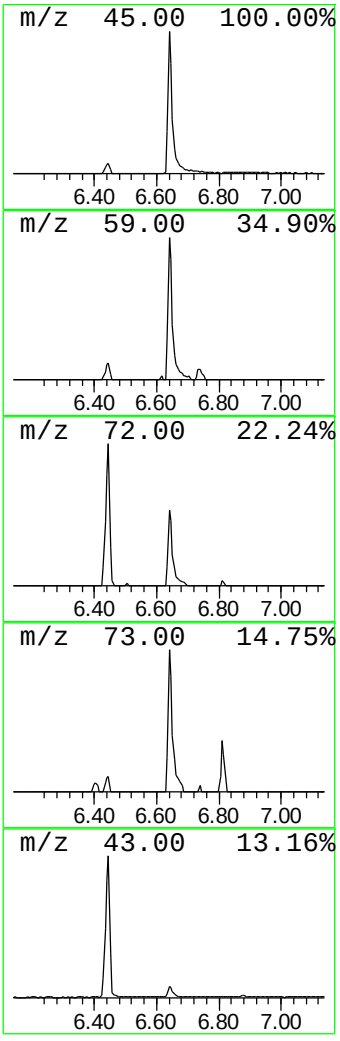
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	2.79 ng	117475	1,4-Dichlorobenzene-d4	6.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	72
3	Diethyl carbitol	162	C8H18O3	000112-36-7	72
4	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	45
5	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	33





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121016.D
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Operator : JU/CG
Sample : L3382-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-023

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

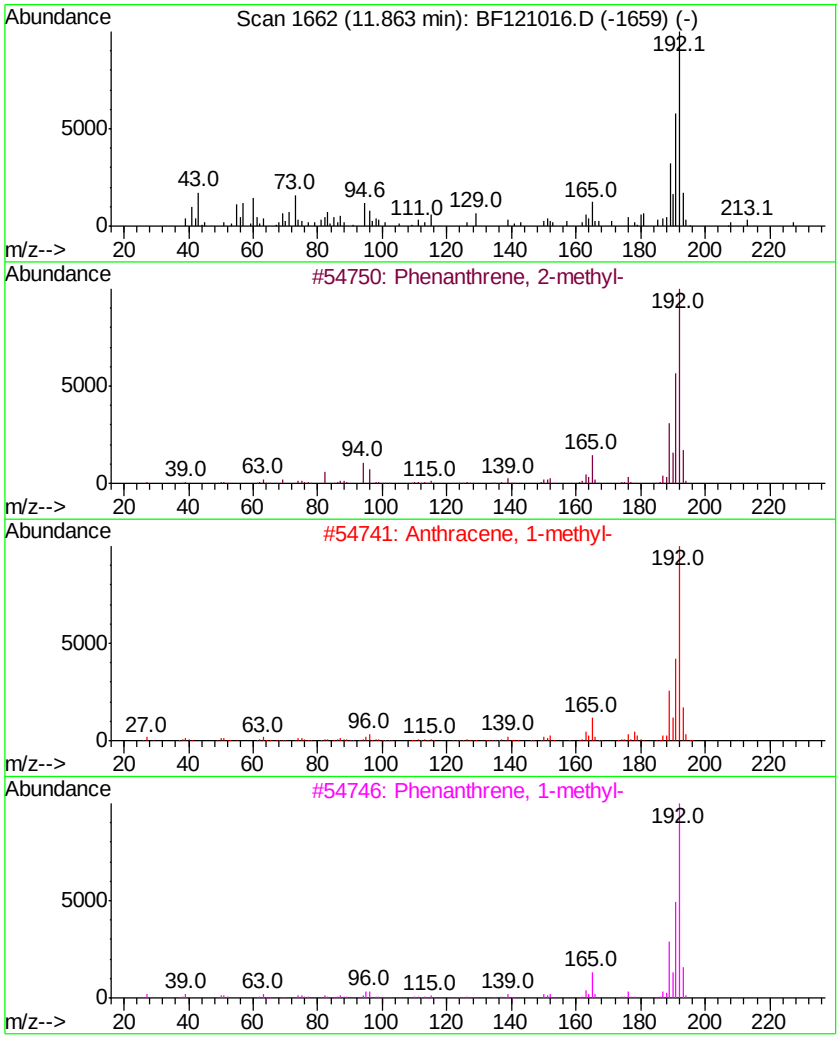
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

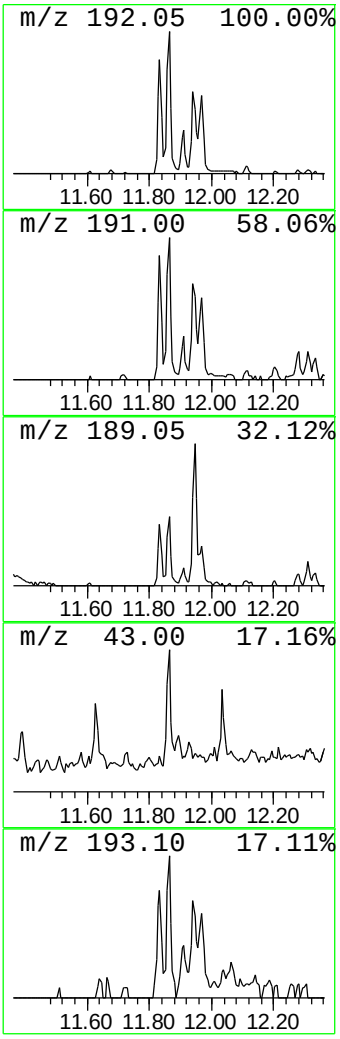
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.23 ng	111524	Phenanthrene-d10	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121016.D
Acq On : 24 Jul 2020 21:51
Operator : JU/CG
Sample : L3382-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-023

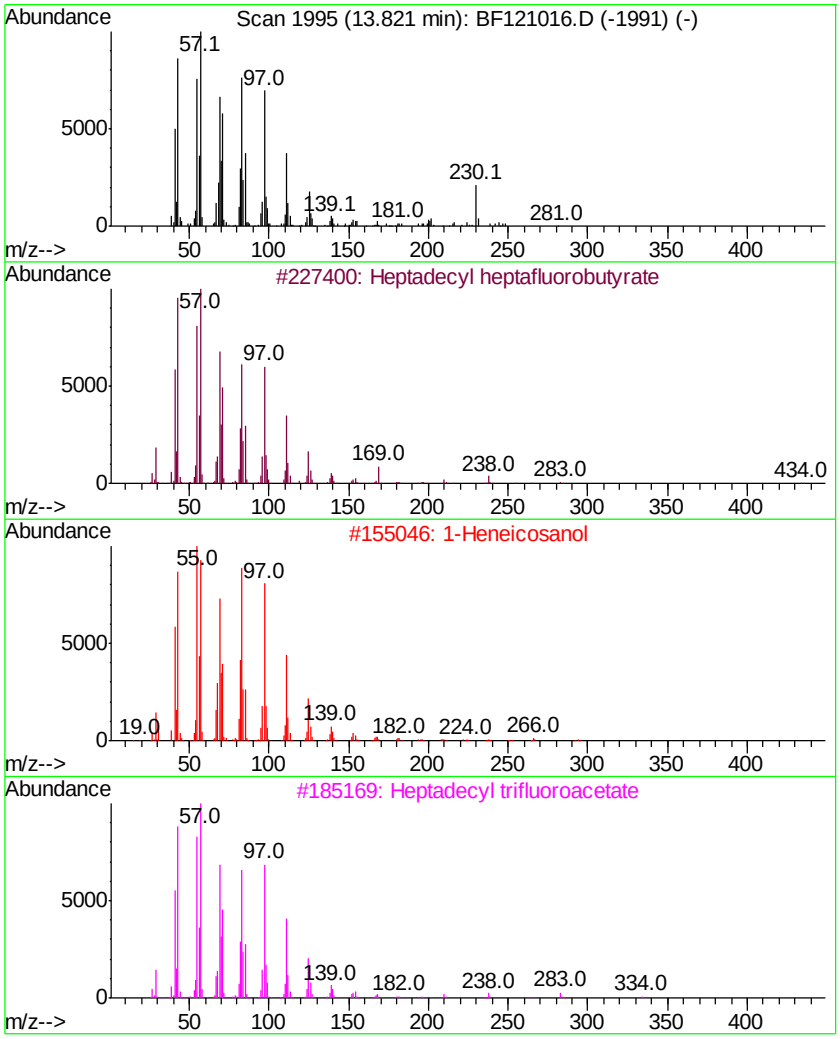
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

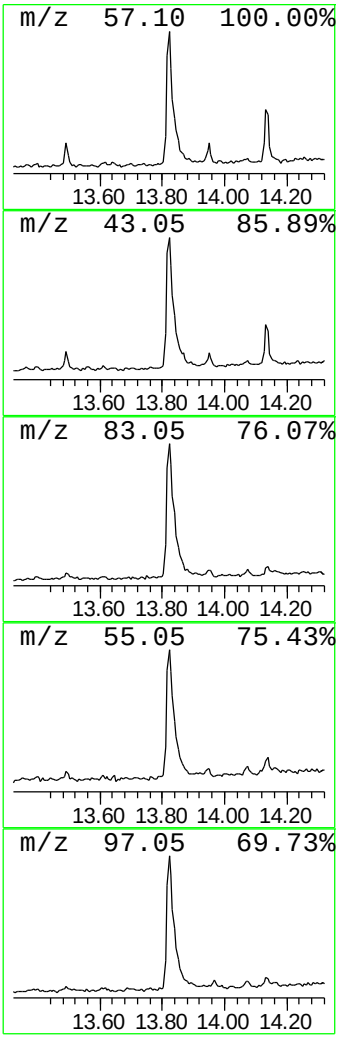
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Heptadecyl heptafluorobutyrate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	7.43 ng	475233	Chrysene-d12	13.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	93
2	1-Heneicosanol	312	C21H44O	015594-90-8	93
3	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	93
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121016.D
Acq On : 24 Jul 2020 21:51
Operator : JU/CG
Sample : L3382-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-023

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

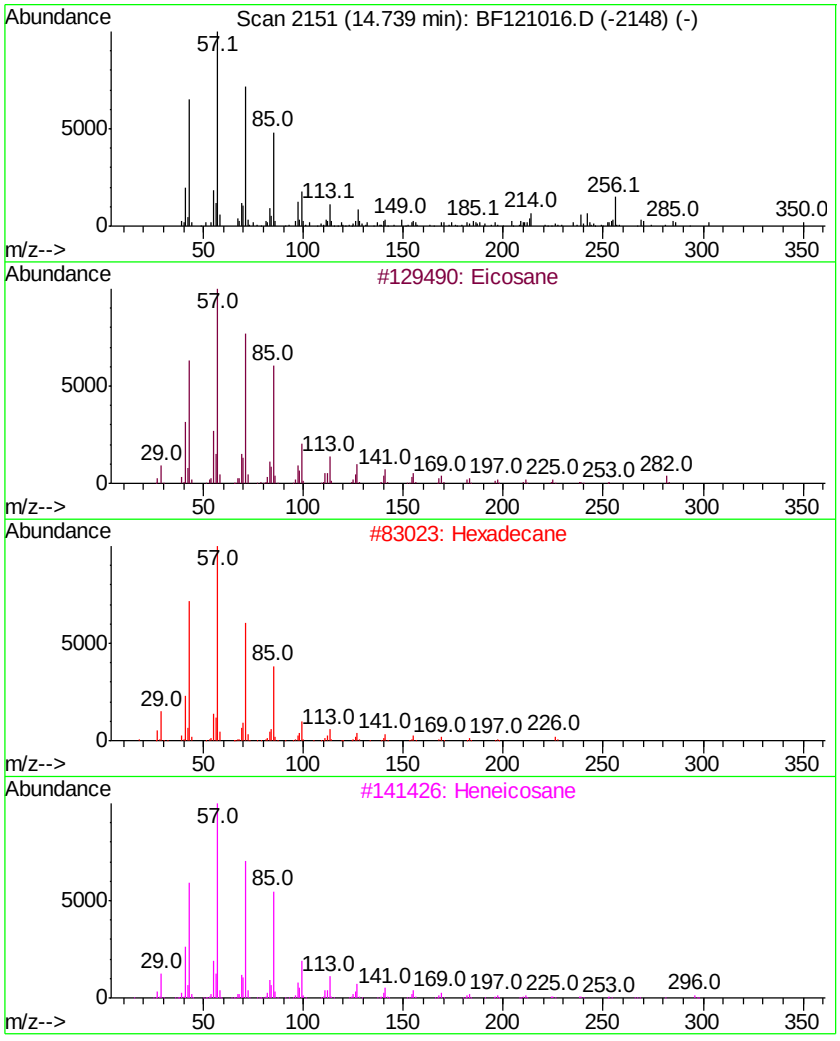
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

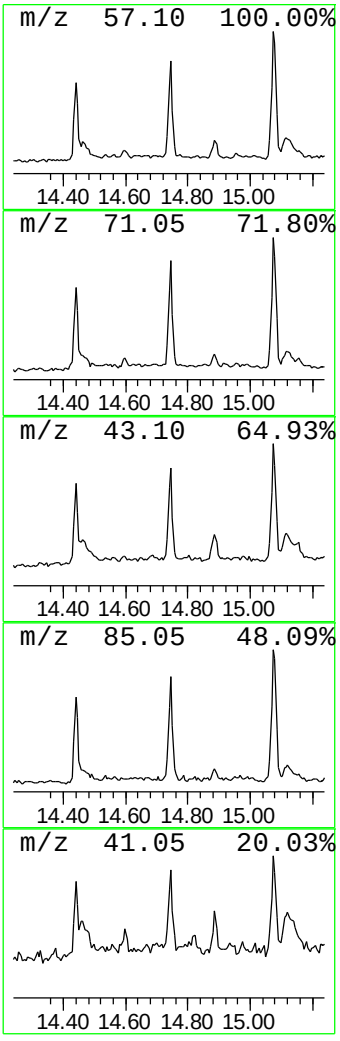
****

Peak Number 4 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	2.48 ng	129594	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Hexadecane	226	C16H34	000544-76-3	95
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	91





Library Search Compound Report

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Sample : L3382-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-023

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

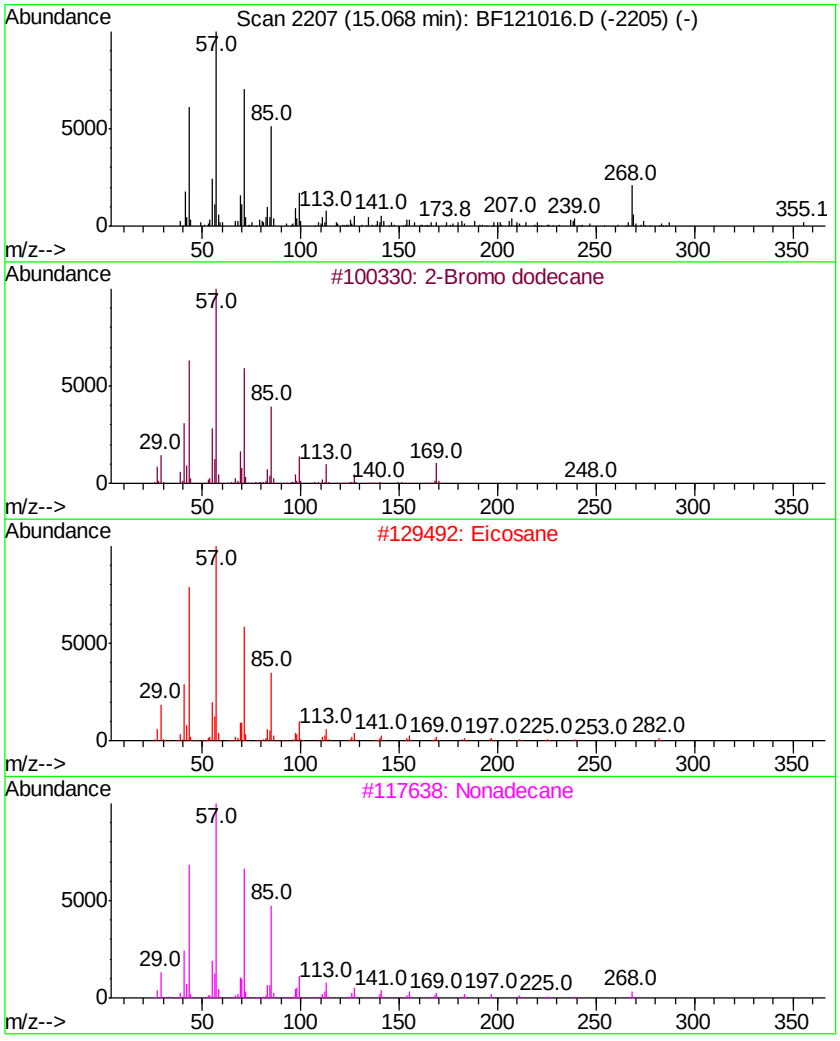
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

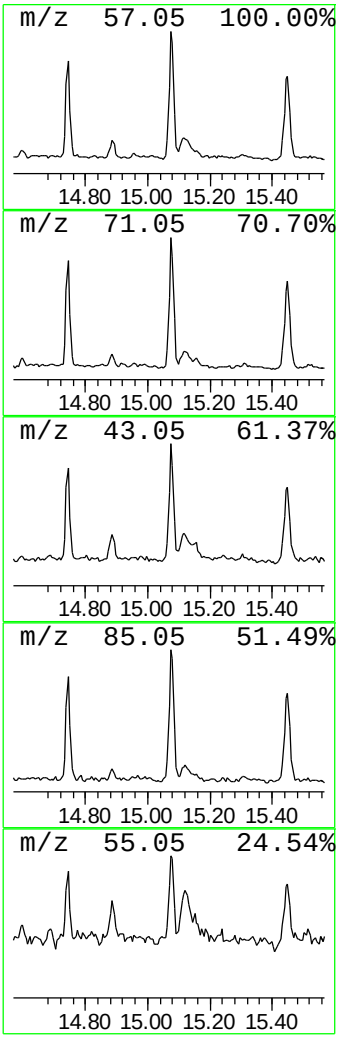
****

Peak Number 5 2-Bromo dodecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	3.28 ng	170952	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Eicosane	282	C20H42	000112-95-8	87
3	Nonadecane	268	C19H40	000629-92-5	87
4	Tetracosane	338	C24H50	000646-31-1	83
5	Heneicosane	296	C21H44	000629-94-7	83





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Instrument : BNA_F
ClientSampleId : CTR-023

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

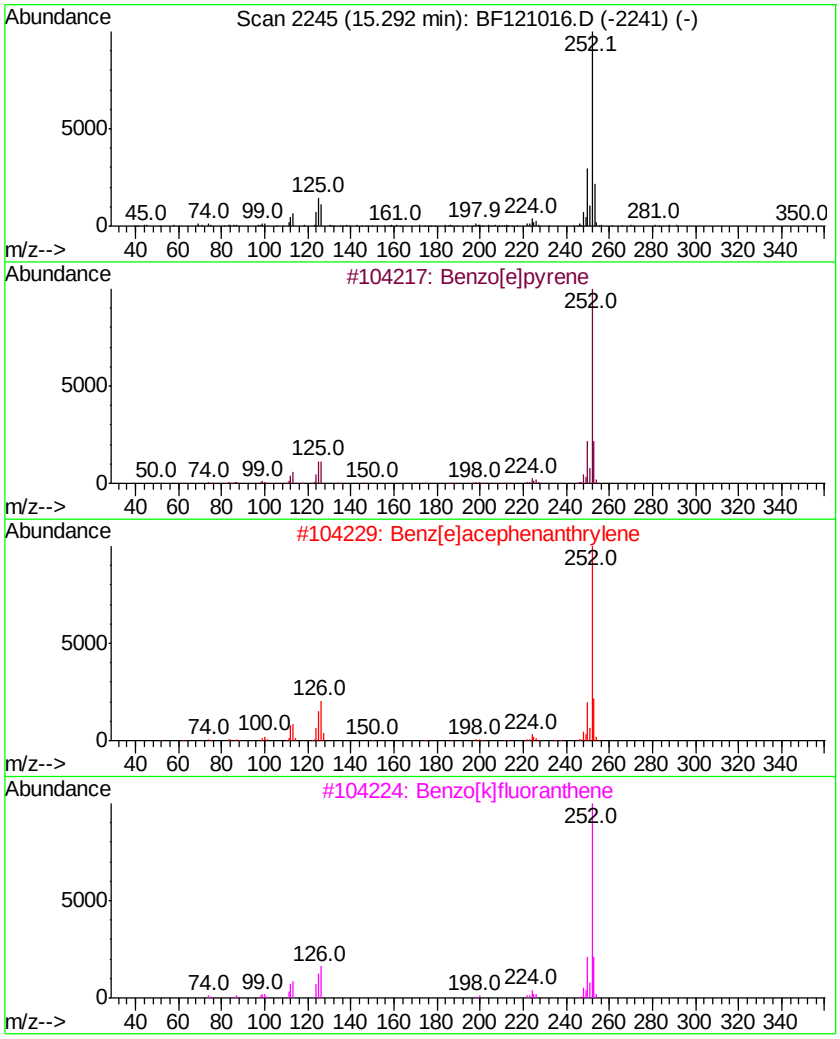
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

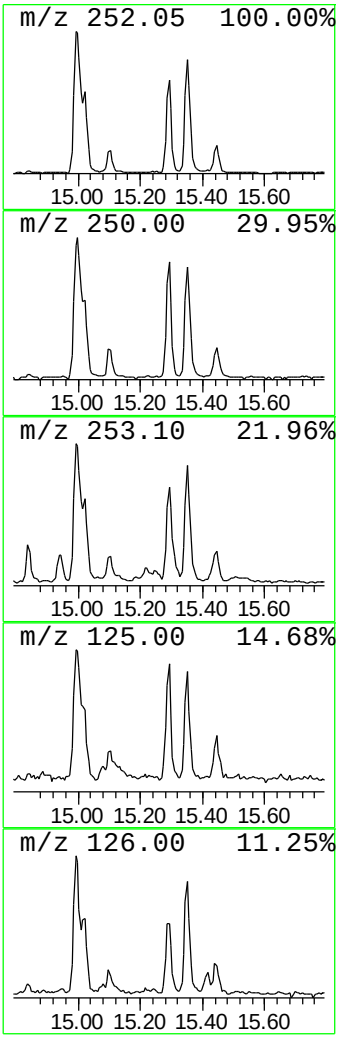
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	3.65 ng	190214	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	93





Library Search Compound Report

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Data File : BF121016.D
Acq On : 24 Jul 2020 21:51
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Sample : L3382-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-023

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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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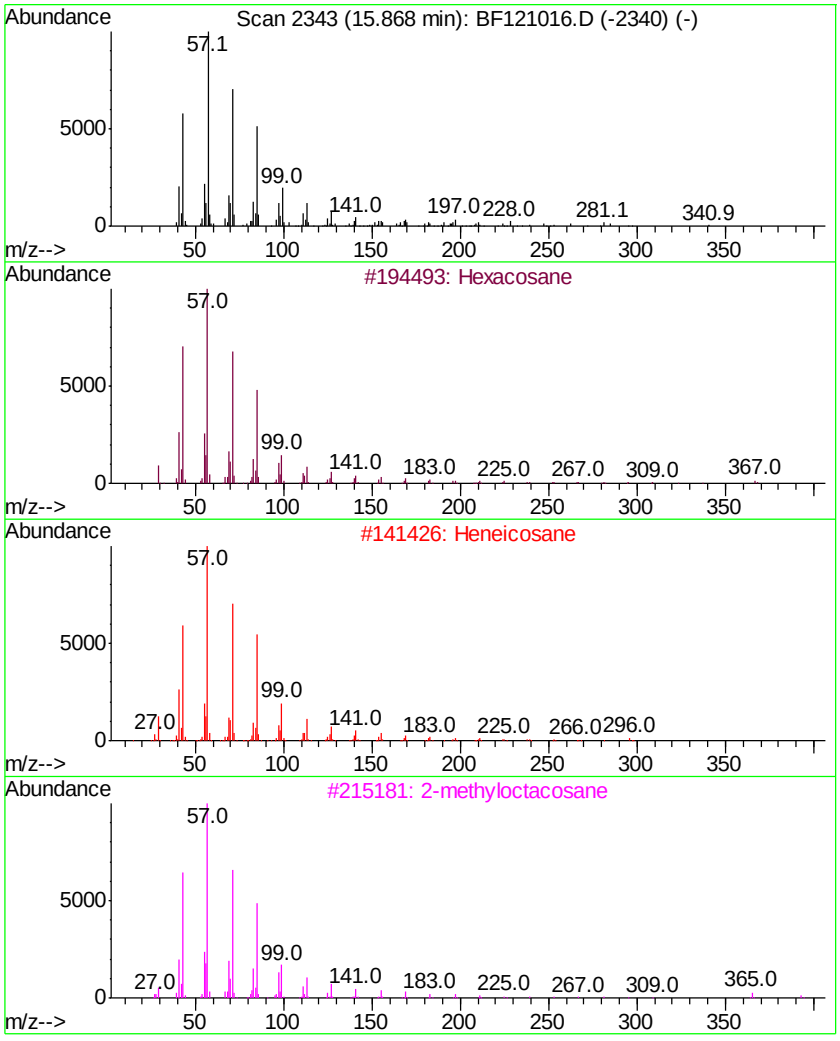
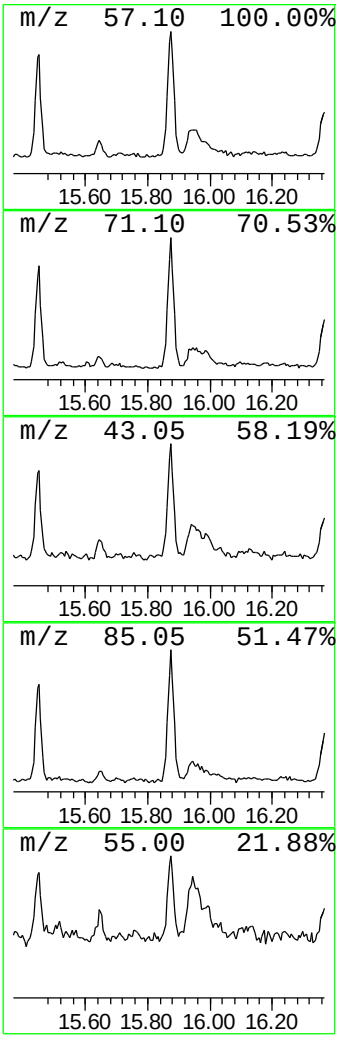
Peak Number 7 Hexacosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	3.40 ng	177102	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121016.D
Acq On : 24 Jul 2020 21:51
Operator : JU/CG
Sample : L3382-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-023

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

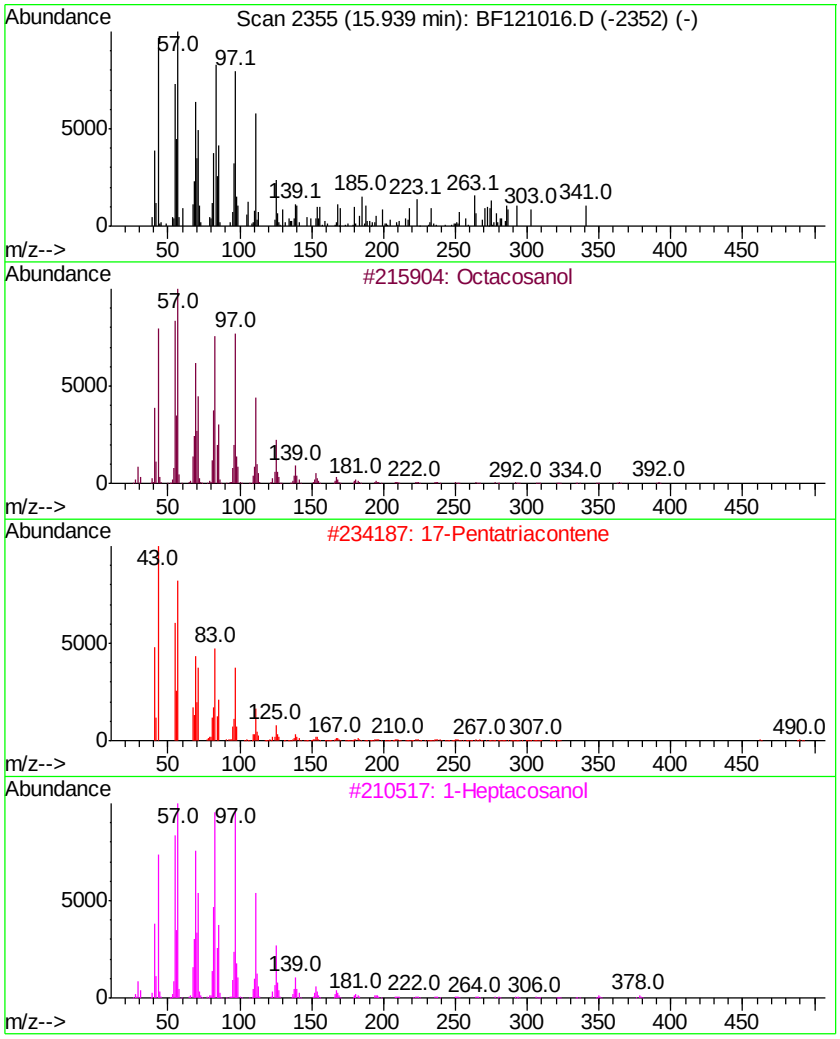
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

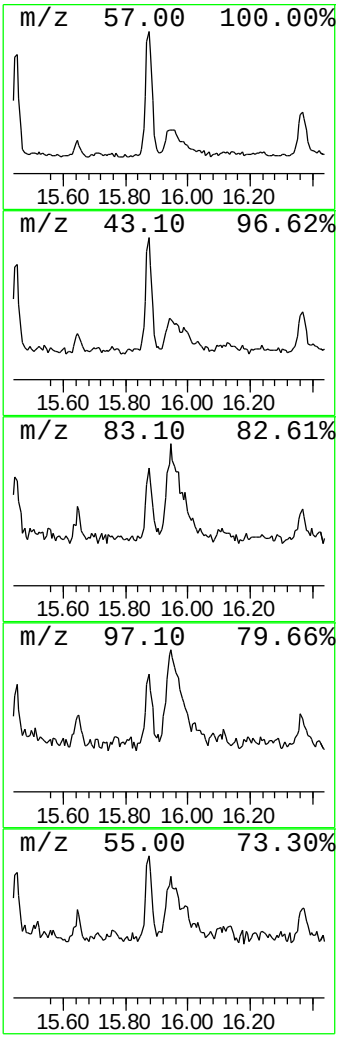
****

Peak Number 8 Octacosanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	2.19 ng	114378	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	89
2	17-Pentatriacontene	491	C35H70	006971-40-0	76
3	1-Heptacosanol	396	C27H56O	002004-39-9	76
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	64
5	Behenic alcohol	326	C22H46O	000661-19-8	64





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072420\
Data File : BF121016.D
Acq On : 24 Jul 2020 21:51
Operator : JU/CG
Sample : L3382-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-023

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

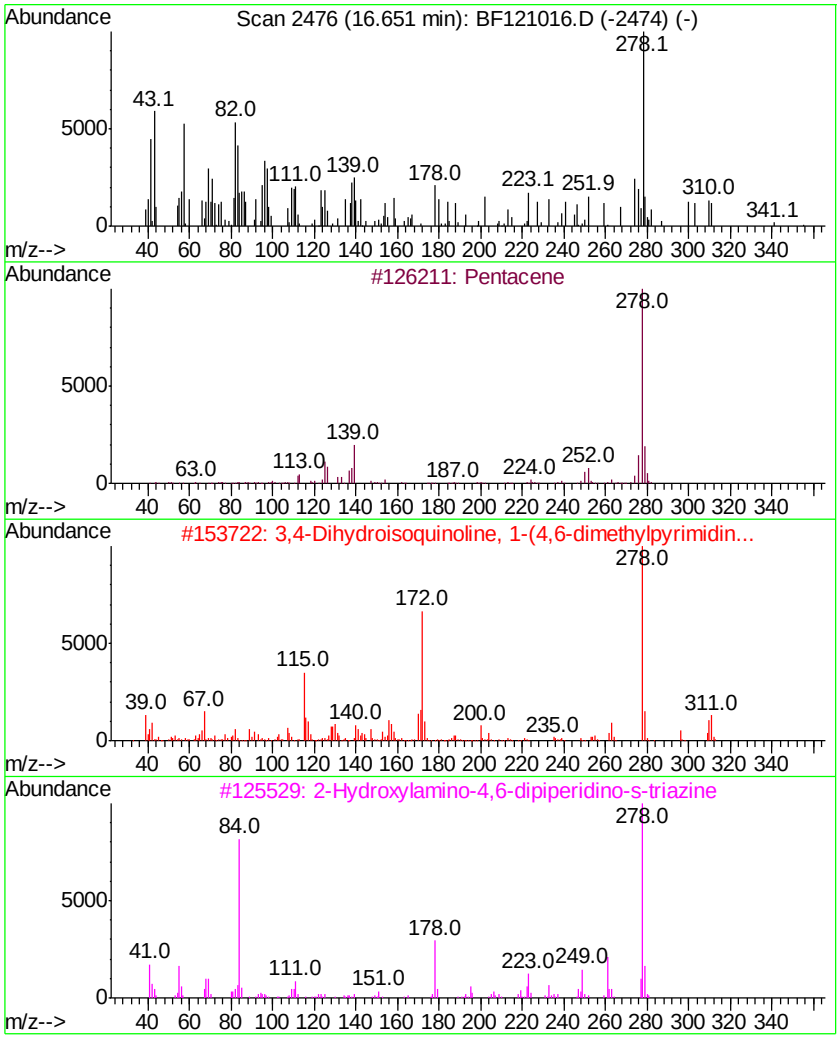
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

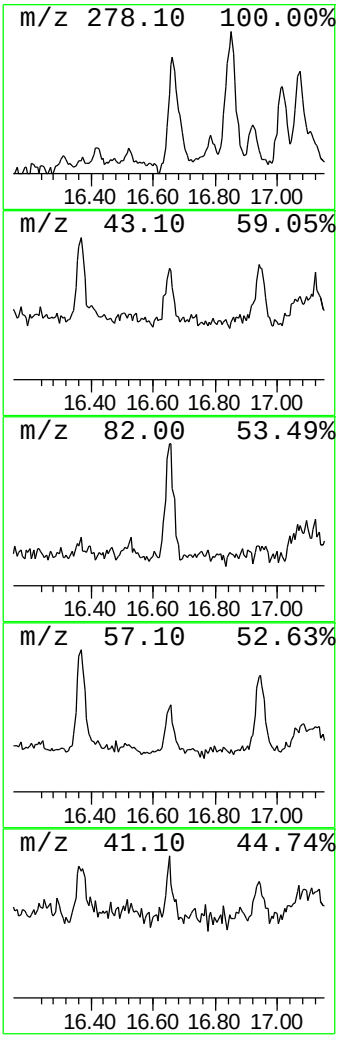
****

Peak Number 9 unknown16.65 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.65	2.17 ng	113089	Perylene-d12	15.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacene	278	C22H14	000135-48-8	49
2	3,4-Dihydroisoquinoline, 1-(4,6-...	311	C18H21N3S	1000304-23-2	47
3	2-Hydroxylamino-4,6-dipiperidino...	278	C13H22N6O	092107-84-1	46
4	10H-Phenoxaphosphine, 8-fluoro-1...	278	C14H12FO3P	037041-13-7	43
5	Benzo[b]chrysene	278	C22H14	000214-17-5	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072420\
Data File : BF121016.D
Acq On : 24 Jul 2020 21:51
Operator : JU/CG
Sample : L3382-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : CTR-023

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071620.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
Ethanol, 2-(2-eth...	6.64	2.8	ng	117475	1	6.82	842573	20.0
Phenanthrene, 2-m...	11.86	2.2	ng	111524	4	11.33	998433	20.0
Heptadecyl heptaf...	13.82	7.4	ng	475233	5	13.97	1279630	20.0
Eicosane	14.74	2.5	ng	129594	6	15.42	1043060	20.0
2-Bromo dodecane	15.07	3.3	ng	170952	6	15.42	1043060	20.0
Benzo[e]pyrene	15.29	3.6	ng	190214	6	15.42	1043060	20.0
Hexacosane	15.87	3.4	ng	177102	6	15.42	1043060	20.0
Octacosanol	15.94	2.2	ng	114378	6	15.42	1043060	20.0
unknown16.65	16.65	2.2	ng	113089	6	15.42	1043060	20.0