LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112796.D
Acq On : 1 Mar 2019 13:37
Operator : JU/SJ
Sample : K1652-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-DAY-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-BF022719.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	5.357	551	556	559	rBV	3654727	3555733	92.13%	8.557%
2	6.375	724	729	732	rBV	3376876	3786118	98.10%	9.112%
3	6.510	747	752	756	rBV	3892370	3812399	98.78%	9.175%
4	6.745	788	792	795	rBV	1274694	1146678	29.71%	2.760%
5	6.898	814	818	822	rBV	3345296	2944446	76.29%	7.086%
6	7.298	881	886	898	rBV	2354842	2433260	63.05%	5.856%
7	8.022	1005	1009	1016	rBV	1642504	1431766	37.10%	3.446%
8	9.098	1188	1192	1195	rBV	4463917	3859535	100.00%	9.289%
9	9.486	1255	1258	1265	rBV	321132	271887	7.04%	0.654%
10	9.769	1302	1306	1310	rBV	1548399	1451048	37.60%	3.492%
11	9.798	1310	1311	1320	rVB	43472	46525	1.21%	0.112%
12	10.551	1435	1439	1451	rBV	2209320	2282635	59.14%	5.494%
13	11.245	1554	1557	1560	rBV	1340195	1319705	34.19%	3.176%
14	11.269	1560	1561	1565	rVV	505412	339062	8.79%	0.816%
15	11.322	1565	1570	1573	rVB2	100480	109080	2.83%	0.263%
16	11.475	1591	1596	1600	rBV2	41572	49931	1.29%	0.120%
17	11.728	1632	1639	1640	rBV4	30445	49440	1.28%	0.119%
18	11.751	1640	1643	1645	rVV	81062	86555	2.24%	0.208%
19	11.786	1645	1649	1653	rVV2	710719	763349	19.78%	1.837%
20	11.822	1653	1655	1658	rVV2	75058	82868	2.15%	0.199%
21	11.857	1658	1661	1664	rVV	121523	148858	3.86%	0.358%
22	11.880	1664	1665	1669	rVB	74308	50894	1.32%	0.122%
23	12.045	1690	1693	1694	rBV	60186	52148	1.35%	0.126%
24	12.298	1733	1736	1739	rBV	122000	125790	3.26%	0.303%
25	12.333	1739	1742	1744	rVV2	60217	70146	1.82%	0.169%
26	12.375	1747	1749	1754	rVB2	54126	62562	1.62%	0.151%
27	12.451	1759	1762	1767	rBV	565803	548412	14.21%	1.320%
28	12.569	1777	1782	1787	rBV	471081	515605	13.36%	1.241%
29	12.680	1796	1801	1804	rBV	579568	588698	15.25%	1.417%
30	12.704	1804	1805	1816	rVB3	96504	155610	4.03%	0.375%
31	12.827	1823	1826	1830	rVB	2854718	2705696	70.10%	6.512%
32	12.904	1834	1839	1842	rBV3	46226	70240	1.82%	0.169%
33	12.986	1850	1853	1855	rBV3	40488	50089	1.30%	0.121%
34	13.110	1871	1874	1877	rBV	73302	74088	1.92%	0.178%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112796.D
Acq On : 1 Mar 2019 13:37
Operator : JU/SJ
Sample : K1652-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-DAY-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-BF022719.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.204	1887	1890	1892	rBV	47639	46502	1.20%	0.112%
36	13.304	1904	1907	1913	rVB	112267	120168	3.11%	0.289%
37	13.510	1939	1942	1947	rBV	83207	79526	2.06%	0.191%
38	13.622	1957	1961	1964	rBV2	64139	92294	2.39%	0.222%
39	13.674	1968	1970	1975	rVV2	49206	89416	2.32%	0.215%
40	13.733	1975	1980	1986	rVB2	201841	290603	7.53%	0.699%
41	13.874	1996	2004	2006	rBV2	1341637	1560977	40.44%	3.757%
42	13.898	2006	2008	2010	rVB	276911	209010	5.42%	0.503%
43	14.057	2032	2035	2038	rVB	93415	86134	2.23%	0.207%
44	14.257	2066	2069	2072	rBV	72838	74485	1.93%	0.179%
45	14.363	2084	2087	2089	rBV	135322	119390	3.09%	0.287%
46	14.657	2134	2137	2142	rVB	205644	221573	5.74%	0.533%
47	14.733	2147	2150	2153	rVB	71113	80362	2.08%	0.193%
48	14.880	2171	2175	2178	rBV2	258947	354247	9.18%	0.853%
49	14.980	2188	2192	2196	rVB2	264040	285090	7.39%	0.686%
50	15.163	2220	2223	2228	rVB	155497	171793	4.45%	0.413%
51	15.221	2229	2233	2238	rVB	224421	249567	6.47%	0.601%
52	15.280	2239	2243	2247	rVV	1036118	1256409	32.55%	3.024%
53	15.333	2249	2252	2258	rVB	245579	319364	8.27%	0.769%
54	15.745	2317	2322	2326	rBV	210116	309366	8.02%	0.745%
55	16.215	2398	2402	2408	rVB	123311	196147	5.08%	0.472%
56	16.633	2470	2473	2481	rVB2	100750	191029	4.95%	0.460%
57	17.039	2539	2542	2548	rVB	61086	107016	2.77%	0.258%

Sum of corrected areas: 41551324

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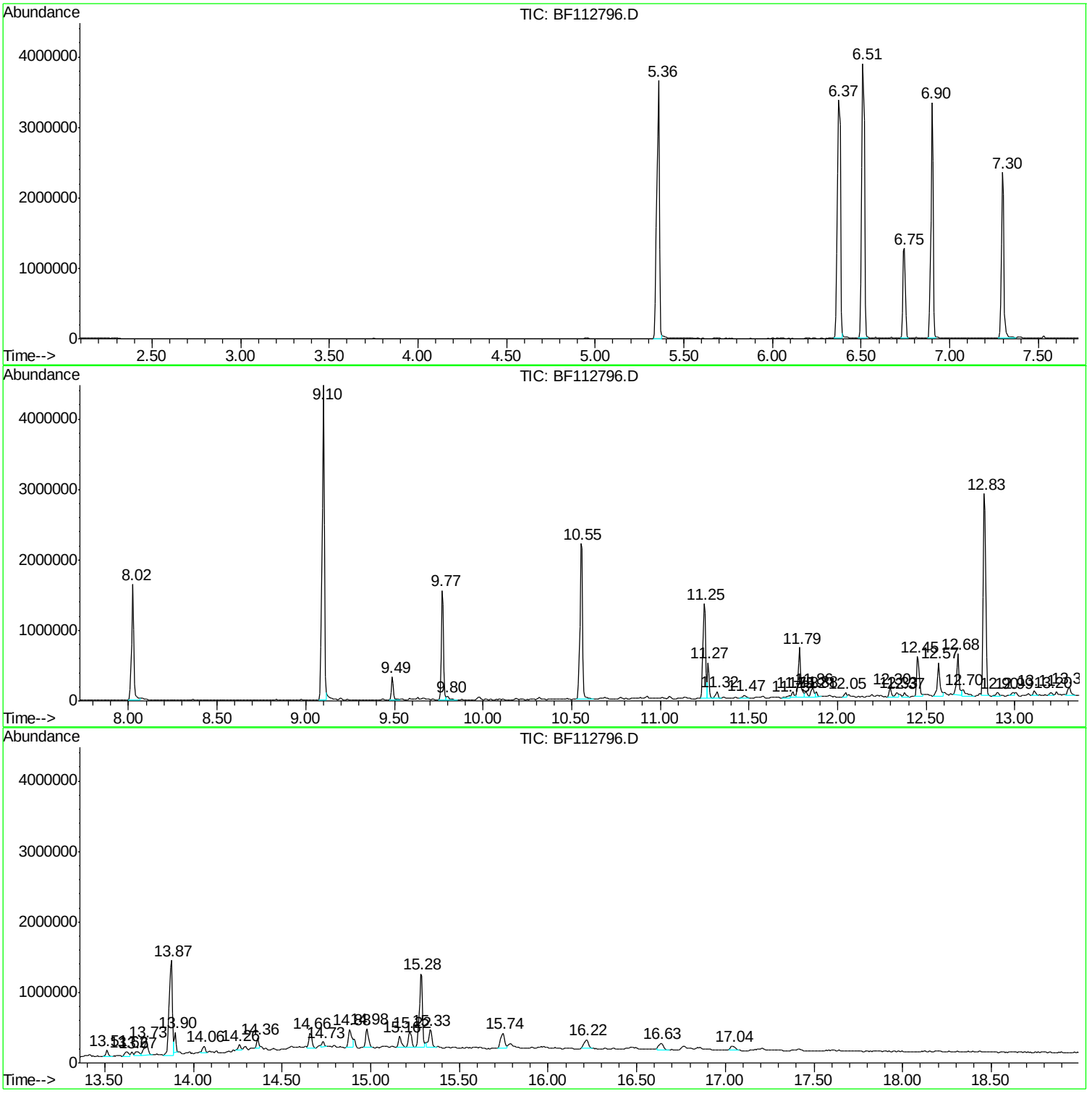
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-DAY-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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

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Data File : BF112796.D
Acq On : 1 Mar 2019 13:37
Operator : JU/SJ
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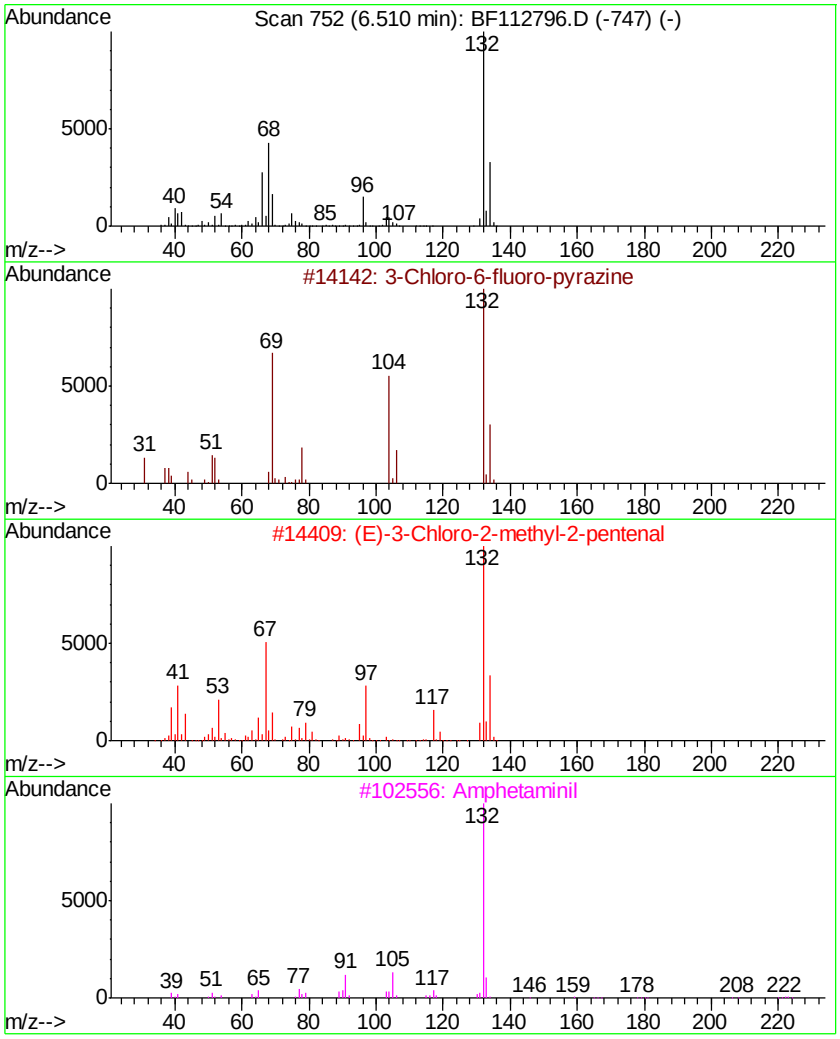
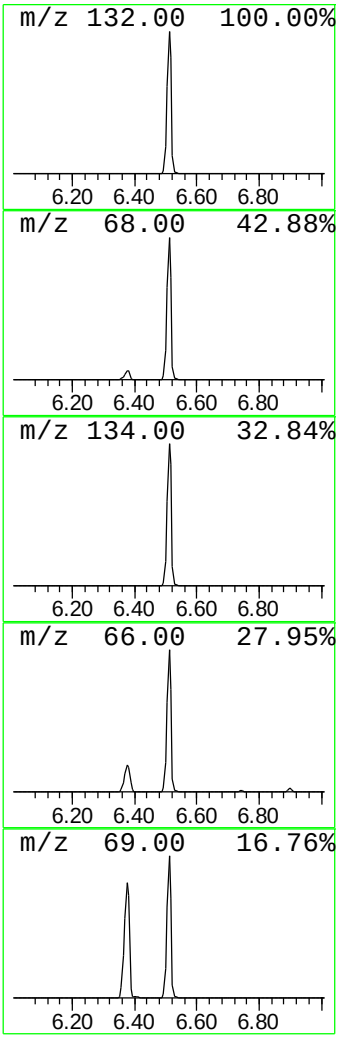
****

Peak Number 1 unknown6.51 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	66.49 ng	3812400	1,4-Dichlorobenzene-d4	6.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Amphetaminil	250	C17H18N2	017590-01-1	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	5-Aminoindole	132	C8H8N2	005192-03-0	12





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112796.D
Acq On : 1 Mar 2019 13:37
Operator : JU/SJ
Sample : K1652-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-DAY-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

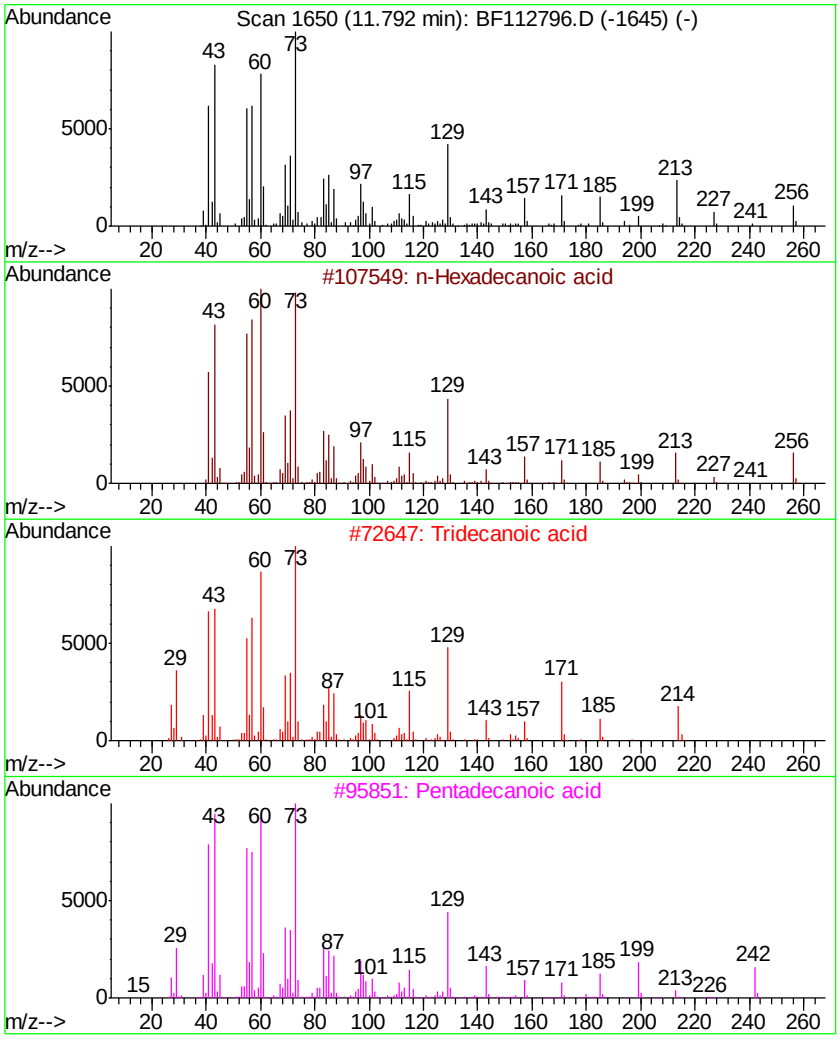
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

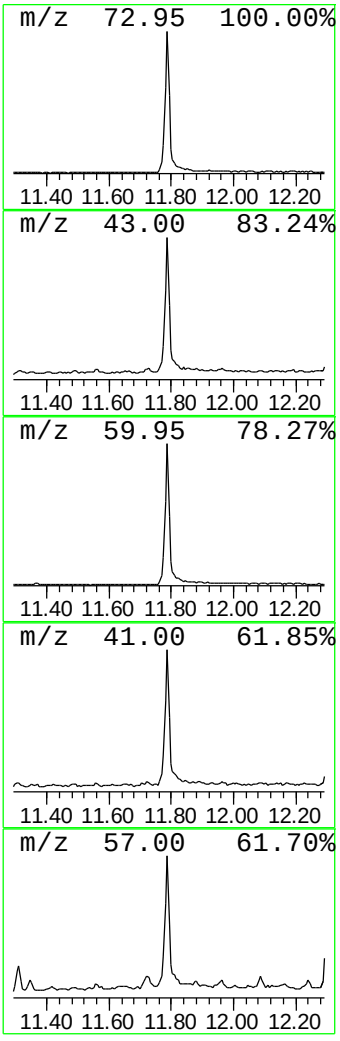
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	11.57 ng	763349	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Dodecanoic acid	200	C12H24O2	000143-07-7	74
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112796.D
Acq On : 1 Mar 2019 13:37
Operator : JU/SJ
Sample : K1652-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-DAY-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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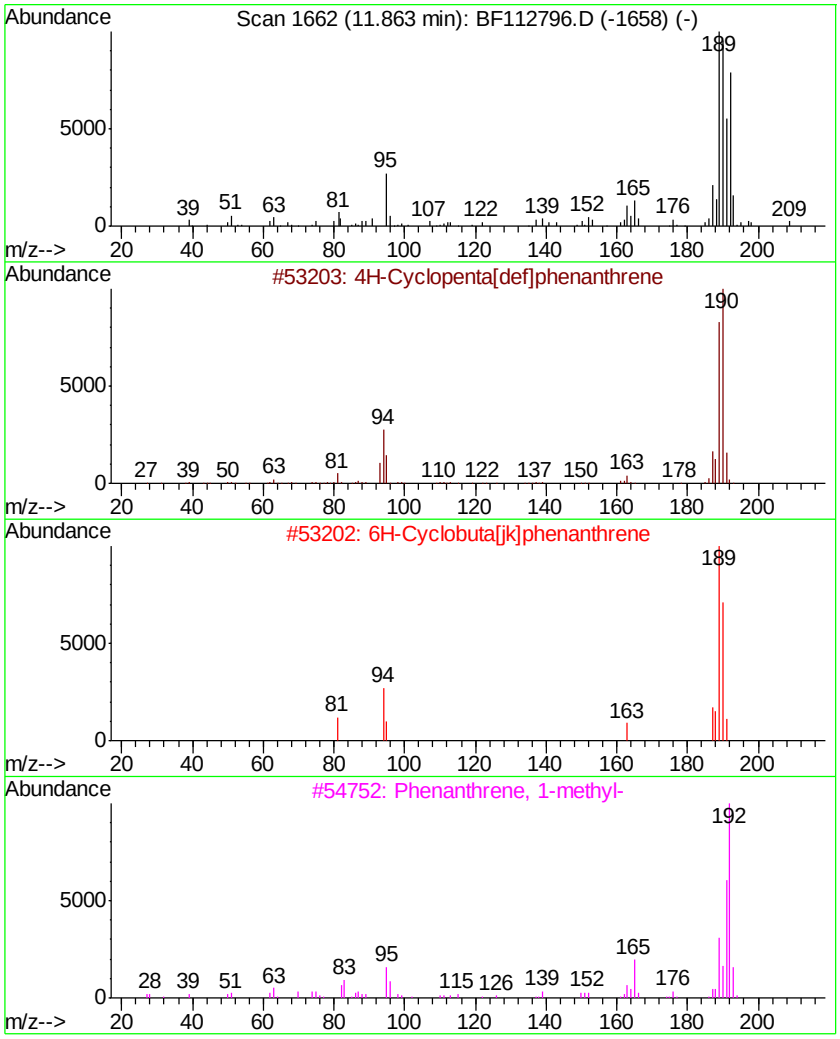
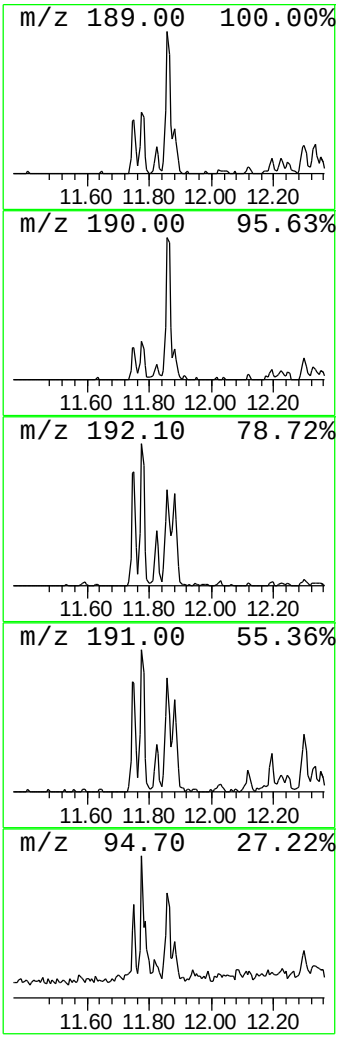
Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	2.26 ng	148858	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	41





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112796.D
Acq On : 1 Mar 2019 13:37
Operator : JU/SJ
Sample : K1652-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-DAY-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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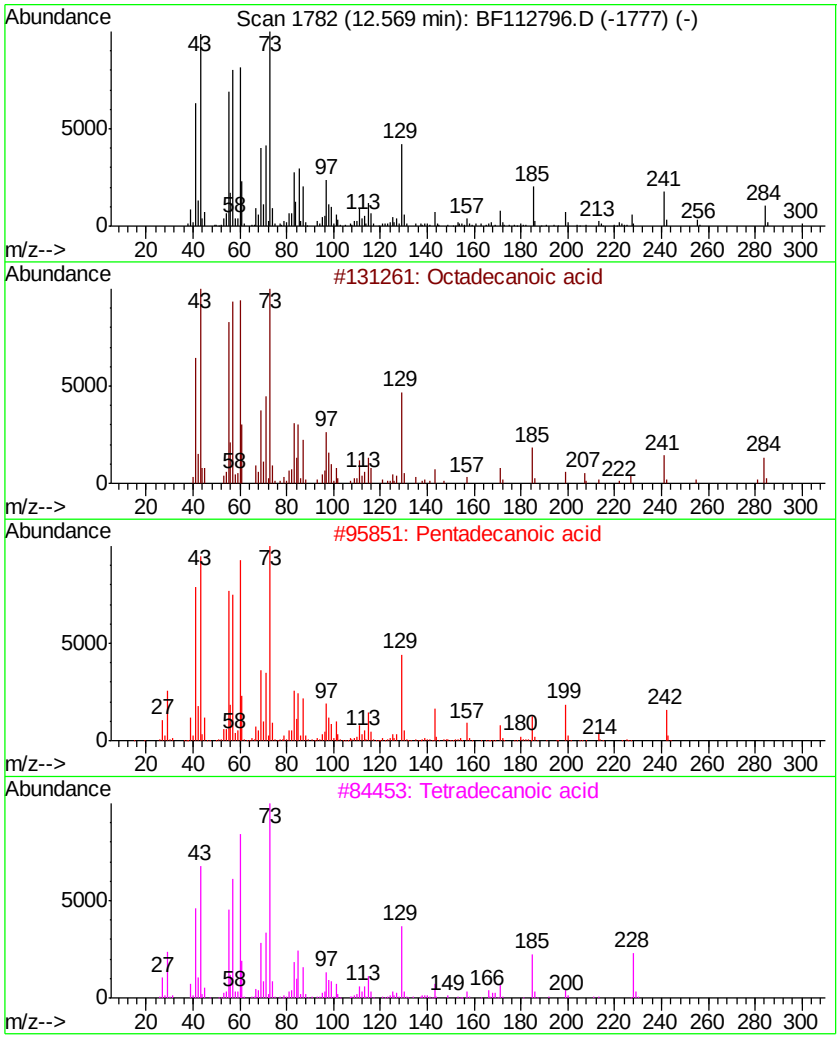
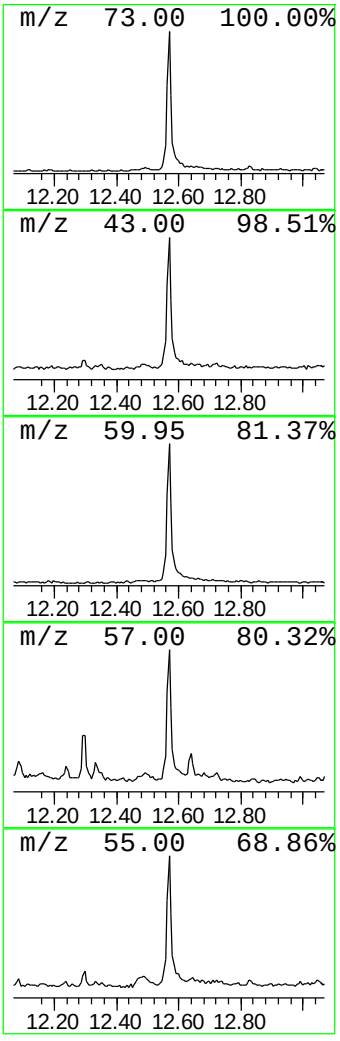
Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	6.61 ng	515605	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
5	Tridecanoic acid	214	C13H26O2	000638-53-9	83





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Operator : JU/SJ
Sample : K1652-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-DAY-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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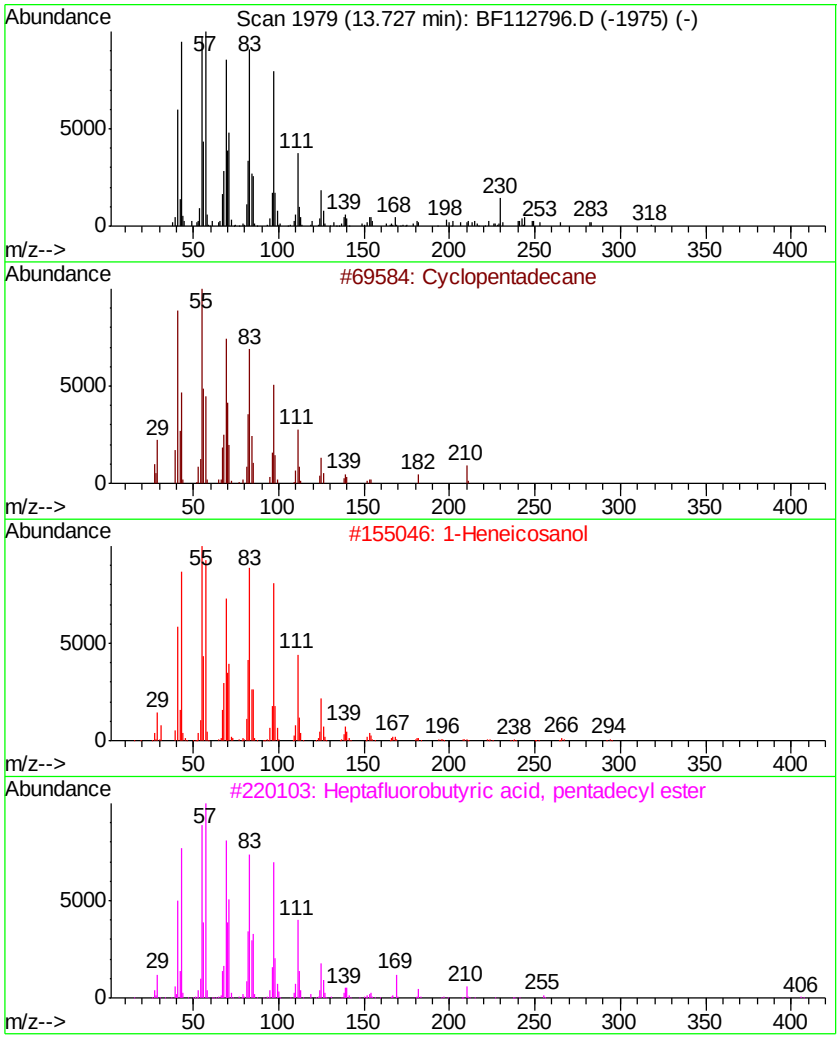
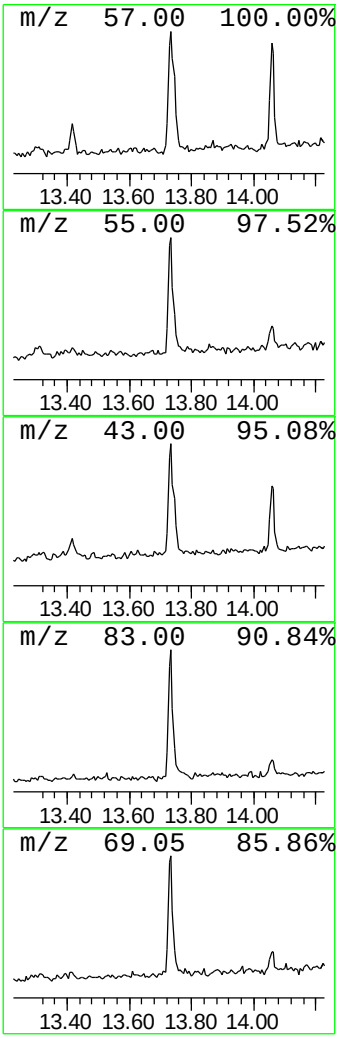
Peak Number 6 Cyclopentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	3.72 ng	290603	Chrysene-d12	13.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	97
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
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Operator : JU/SJ
Sample : K1652-10
Misc :
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Instrument : BNA_F
ClientSampleId : COMP-DAY-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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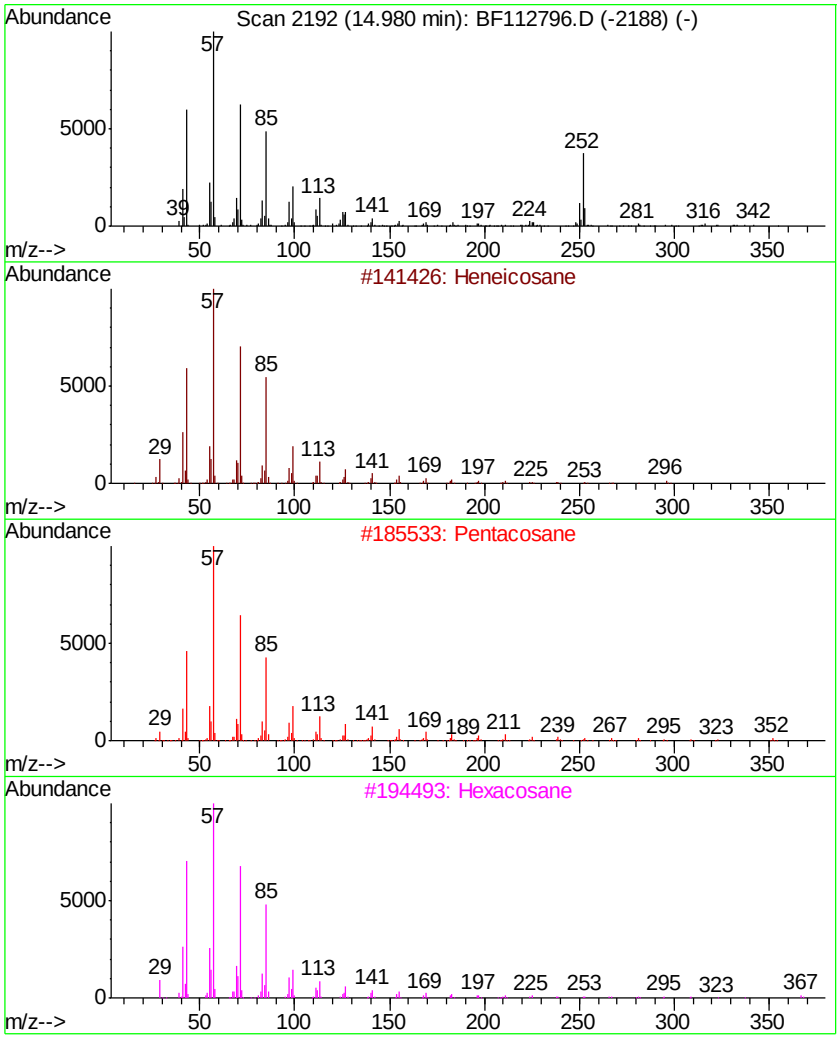
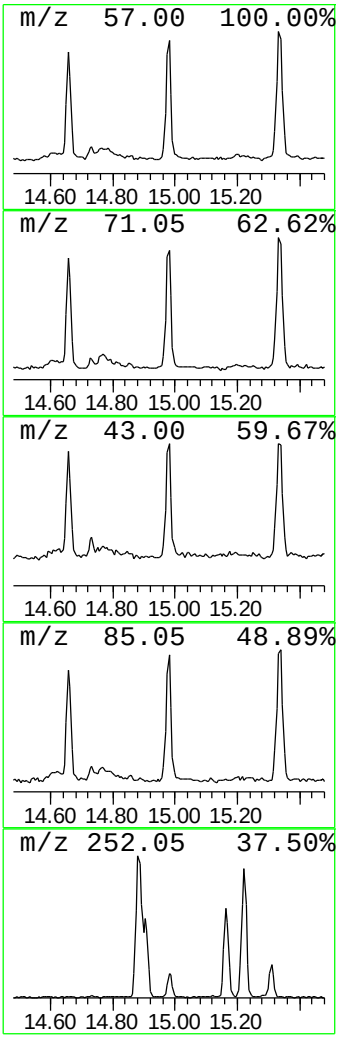
Peak Number 8 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.98	4.54 ng	285090	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	76
2	Pentacosane	352	C25H52	000629-99-2	68
3	Hexacosane	366	C26H54	000630-01-3	64
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
5	Hexatriacontane	507	C36H74	000630-06-8	62





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Instrument : BNA_F
ClientSampleId : COMP-DAY-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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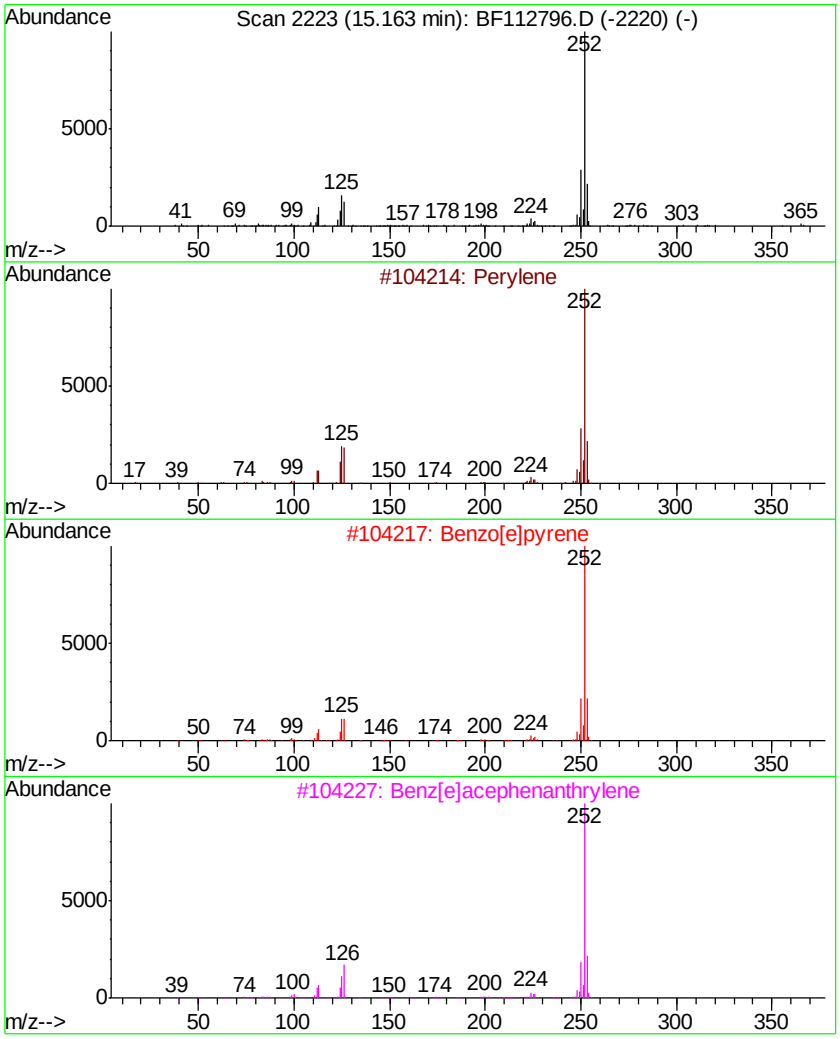
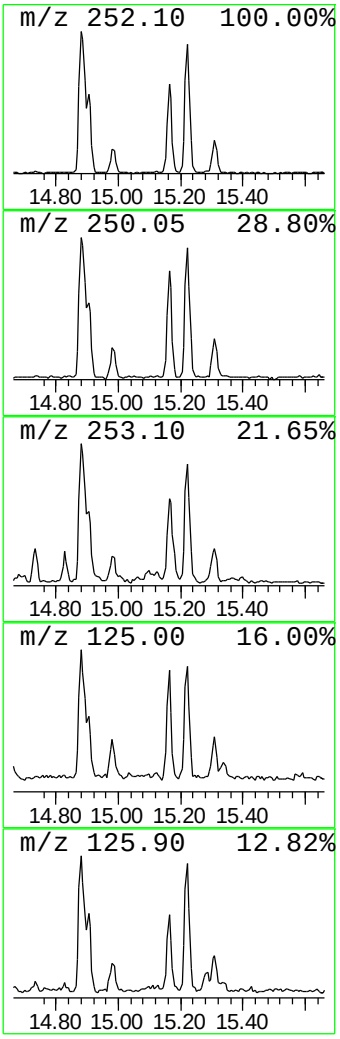
Peak Number 9 Perylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.16	2.73 ng	171793	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	99
2	Benzo[e]pyrene	252	C20H12	000192-97-2	99
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF030119\
Data File : BF112796.D
Acq On : 1 Mar 2019 13:37
Operator : JU/SJ
Sample : K1652-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-DAY-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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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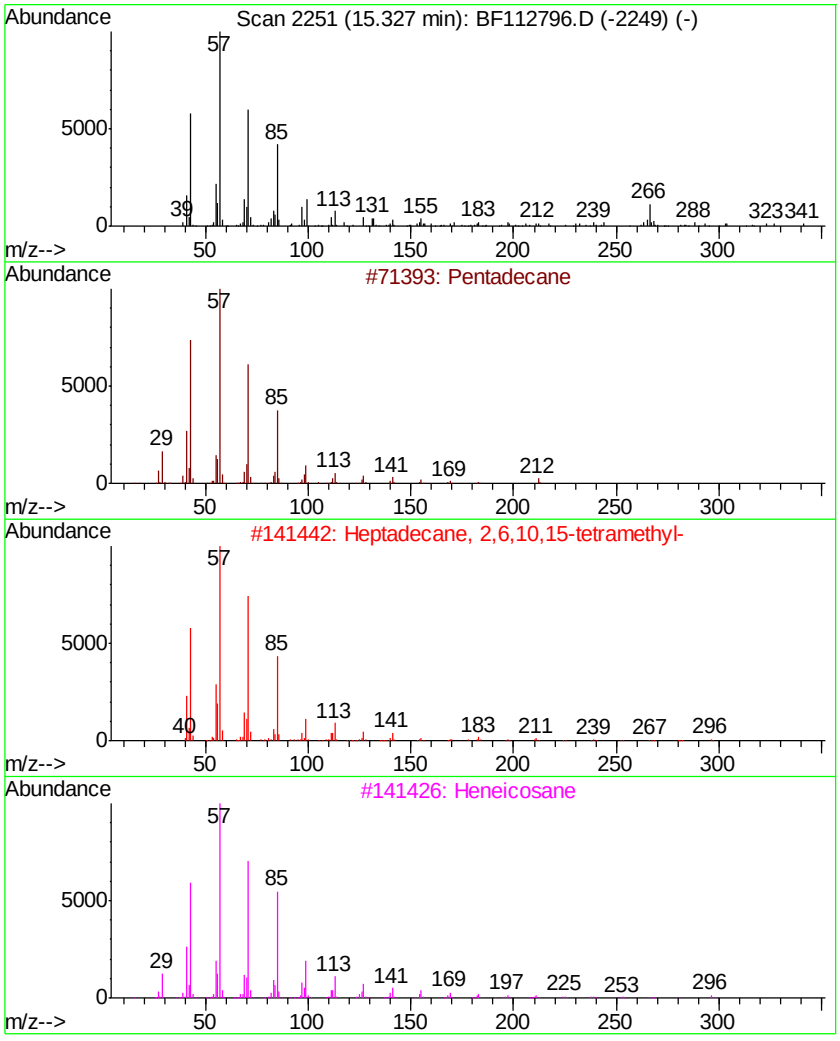
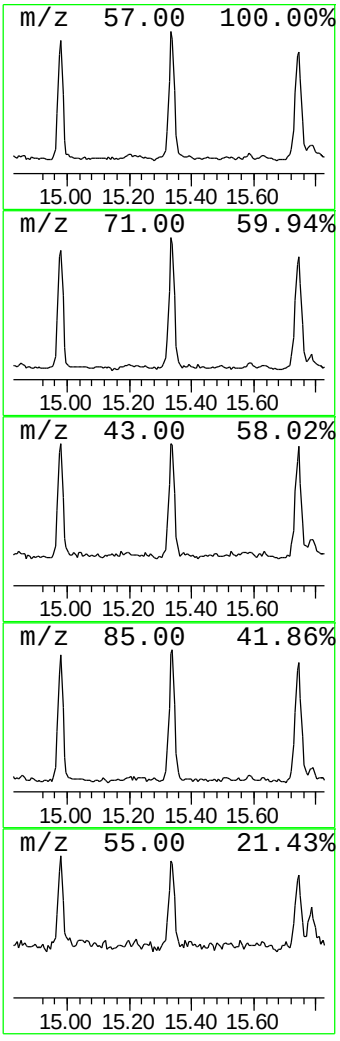
Peak Number 10 Pentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	5.08 ng	319364	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
3	Heneicosane	296	C21H44	000629-94-7	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	2-methyloctacosane	408	C29H60	1000376-72-8	87





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Acq On : 1 Mar 2019 13:37
Operator : JU/SJ
Sample : K1652-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-DAY-1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

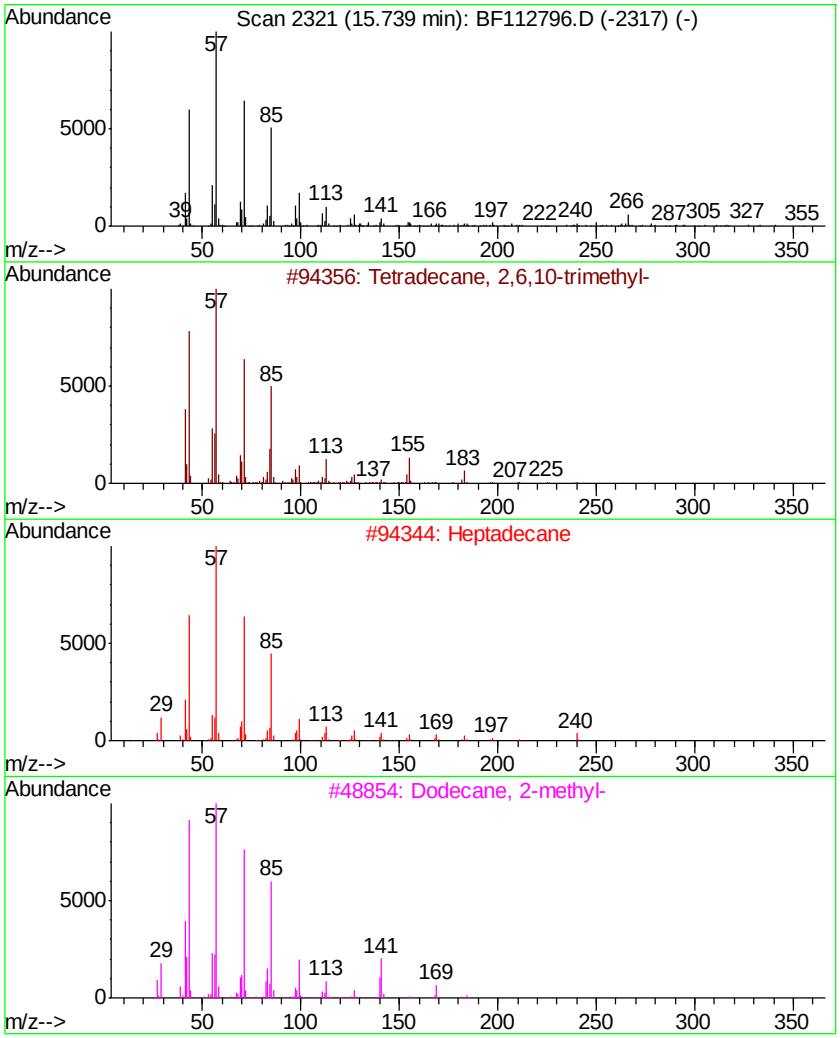
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

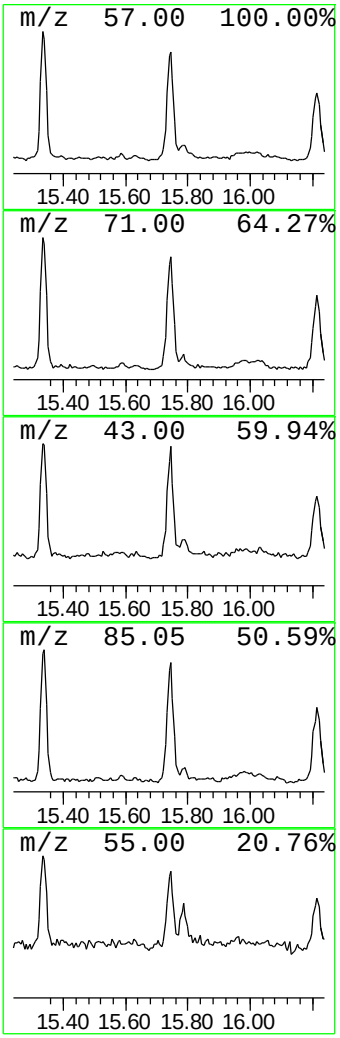
****

Peak Number 11 Tetradecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.74	4.92 ng	309366	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
2	Heptadecane	240	C17H36	000629-78-7	91
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87





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Data File : BF112796.D
Acq On : 1 Mar 2019 13:37
Operator : JU/SJ
Sample : K1652-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-DAY-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

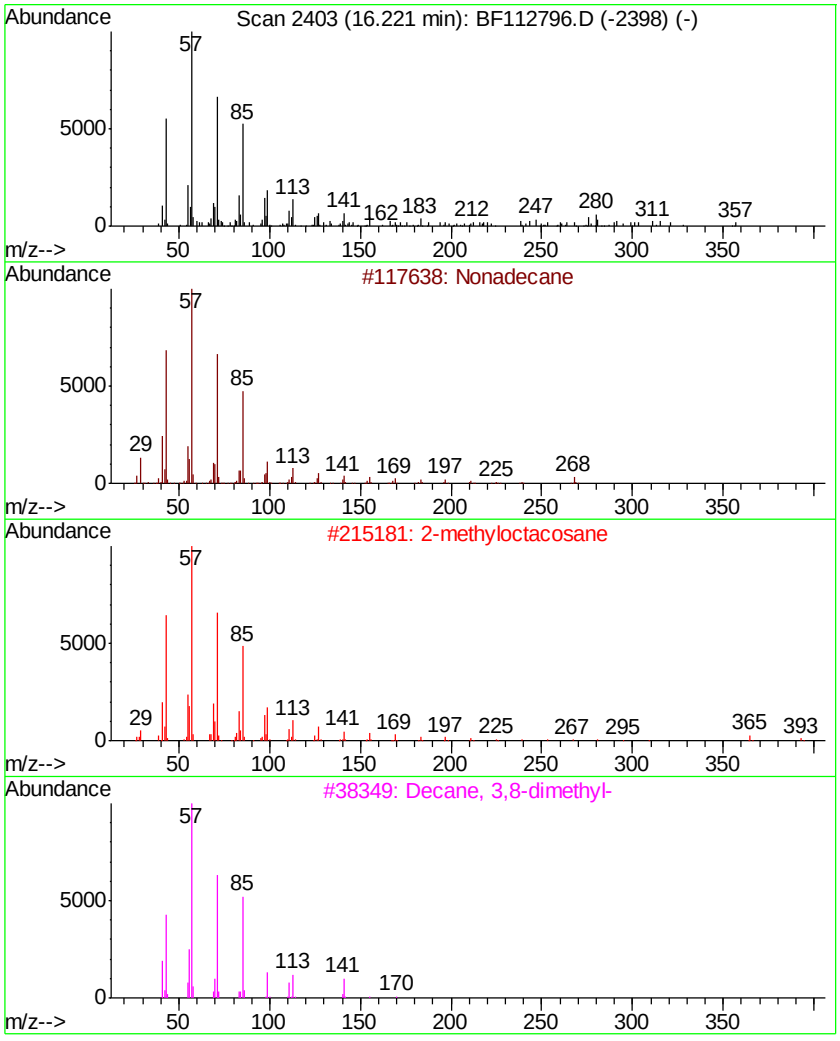
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

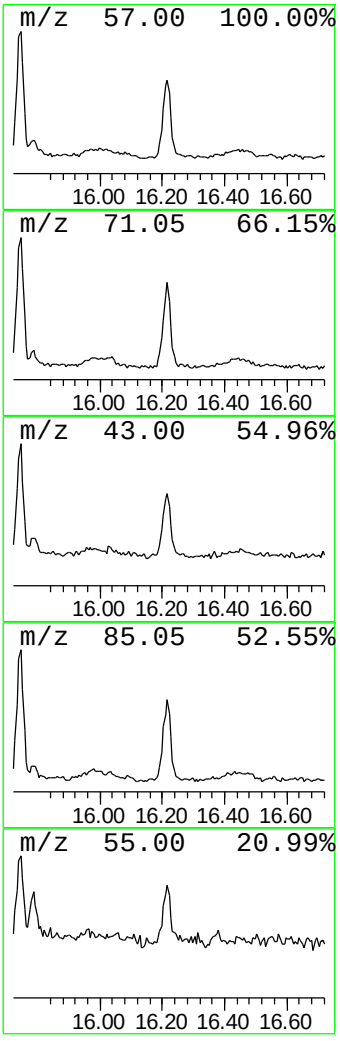
****

Peak Number 12 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	3.12 ng	196147	Perylene-d12	15.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83
4	Heneicosane	296	C21H44	000629-94-7	83
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF030119\
Data File : BF112796.D
Acq On : 1 Mar 2019 13:37
Operator : JU/SJ
Sample : K1652-10
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-DAY-1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.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
unknown6.51	6.51	66.5	ng	3812400	1	6.75	1146680	20.0
n-Hexadecanoic acid	11.79	11.6	ng	763349	4	11.25	1319710	20.0
4H-Cyclopenta[def...	11.86	2.3	ng	148858	4	11.25	1319710	20.0
Octadecanoic acid	12.57	6.6	ng	515605	5	13.87	1560980	20.0
Cyclopentadecane	13.73	3.7	ng	290603	5	13.87	1560980	20.0
Heneicosane	14.98	4.5	ng	285090	6	15.28	1256410	20.0
Perylene	15.16	2.7	ng	171793	6	15.28	1256410	20.0
Pentadecane	15.33	5.1	ng	319364	6	15.28	1256410	20.0
Tetradecane, 2,6,...	15.74	4.9	ng	309366	6	15.28	1256410	20.0
Nonadecane	16.22	3.1	ng	196147	6	15.28	1256410	20.0