LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112984.D
Acq On : 12 Mar 2019 5:16
Operator : JU/SJ
Sample : K1817-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-027-B111-030619

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	5.322	546	550	561	rBV	318370	340210	45.43%	6.325%
2	6.357	723	726	746	rBV	368345	375291	50.11%	6.977%
3	6.492	746	749	758	rBV	434146	371206	49.56%	6.901%
4	6.728	785	789	798	rBV	142016	123391	16.48%	2.294%
5	6.881	812	815	822	rBV	303858	291616	38.94%	5.422%
6	7.286	880	884	891	rBV	162659	189870	25.35%	3.530%
7	7.339	891	893	899	rVB	16154	17245	2.30%	0.321%
8	8.010	1004	1007	1016	rBV	115441	142643	19.05%	2.652%
9	9.086	1187	1190	1210	rBV	358486	502208	67.06%	9.337%
10	9.480	1254	1257	1264	rVB	26963	27592	3.68%	0.513%
11	9.763	1301	1305	1317	rVB	212434	225548	30.12%	4.193%
12	10.545	1434	1438	1448	rBV	377914	404194	53.97%	7.515%
13	11.239	1552	1556	1564	rBV	264620	291656	38.94%	5.422%
14	11.310	1566	1568	1574	rVB3	7845	8745	1.17%	0.163%
15	11.774	1644	1647	1655	rBV3	45302	60901	8.13%	1.132%
16	12.445	1758	1761	1764	rBV	28914	25114	3.35%	0.467%
17	12.486	1764	1768	1770	rVV3	5656	8036	1.07%	0.149%
18	12.510	1770	1772	1775	rVB	10203	7809	1.04%	0.145%
19	12.563	1778	1781	1784	rBV4	10726	13842	1.85%	0.257%
20	12.668	1794	1799	1803	rBV	29253	34136	4.56%	0.635%
21	12.815	1820	1824	1835	rBV	814041	748946	100.00%	13.924%
22	13.062	1861	1866	1870	rBV4	12260	20050	2.68%	0.373%
23	13.404	1921	1924	1931	rVB5	7440	10297	1.37%	0.191%
24	13.733	1976	1980	1986	rBV	58368	87133	11.63%	1.620%
25	13.862	1998	2002	2009	rBV	262623	282459	37.71%	5.251%
26	13.980	2018	2022	2026	rVB4	14193	21187	2.83%	0.394%
27	14.045	2029	2033	2035	rBV3	24657	25946	3.46%	0.482%
28	14.345	2081	2084	2086	rBV	46592	50844	6.79%	0.945%
29	14.368	2086	2088	2092	rVB4	33101	44939	6.00%	0.835%
30	14.439	2098	2100	2104	rBV4	10310	9510	1.27%	0.177%
31	14.545	2113	2118	2121	rBV2	23419	33871	4.52%	0.630%
32	14.580	2121	2124	2127	rBV2	24908	26280	3.51%	0.489%
33	14.645	2131	2135	2139	rBV	49086	54176	7.23%	1.007%
34	14.956	2185	2188	2192	rBV	57746	71224	9.51%	1.324%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112984.D
Acq On : 12 Mar 2019 5:16
Operator : JU/SJ
Sample : K1817-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-027-B111-030619

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	14.998	2192	2195	2199	rBV4	49455	83050	11.09%	1.544%
36	15.268	2237	2241	2245	rBV	147985	184882	24.69%	3.437%
37	15.315	2245	2249	2253	rVB	50074	69332	9.26%	1.289%
38	15.715	2313	2317	2321	rBV	52731	75000	10.01%	1.394%
39	18.168	2732	2734	2735	rBV2	21713	18470	2.47%	0.343%

Sum of corrected areas: 5378849

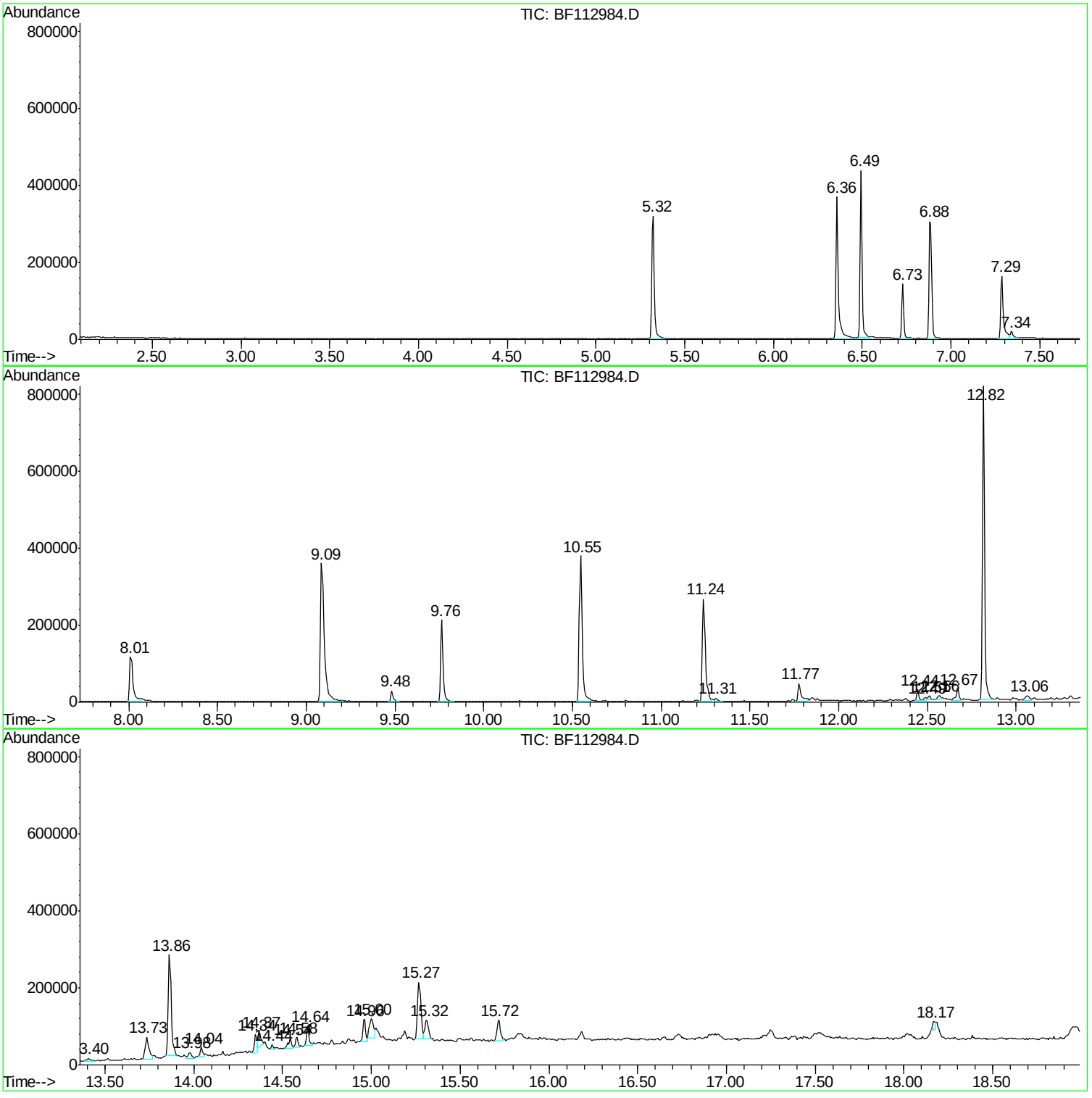
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112984.D
Acq On : 12 Mar 2019 5:16
Operator : JU/SJ
Sample : K1817-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PST-027-B111-030619

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112984.D
Acq On : 12 Mar 2019 5:16
Operator : JU/SJ
Sample : K1817-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-027-B111-030619

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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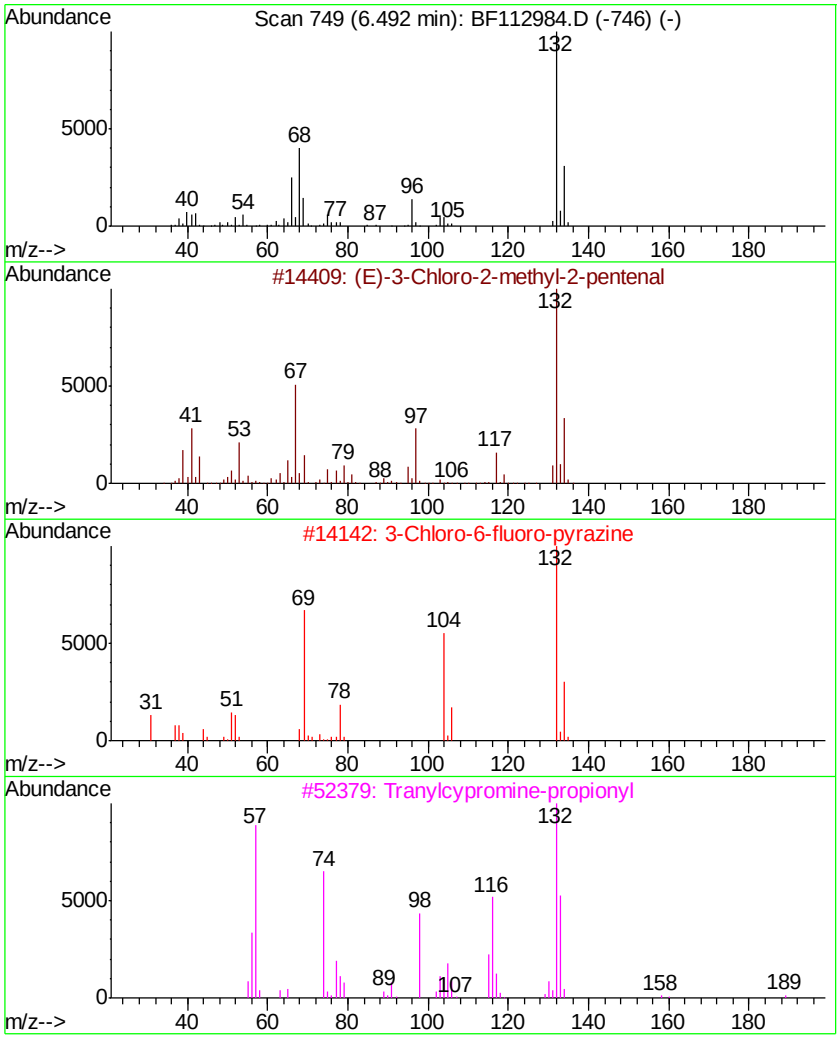
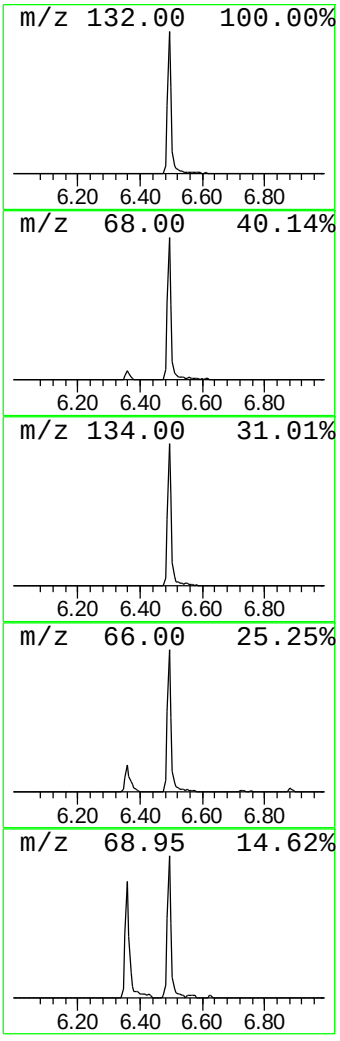
Peak Number 1 unknown6.49 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	60.17 ng	371206	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	Amphetaminil	250	C17H18N2	017590-01-1	10
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Data File : BF112984.D
Acq On : 12 Mar 2019 5:16
Operator : JU/SJ
Sample : K1817-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-027-B111-030619

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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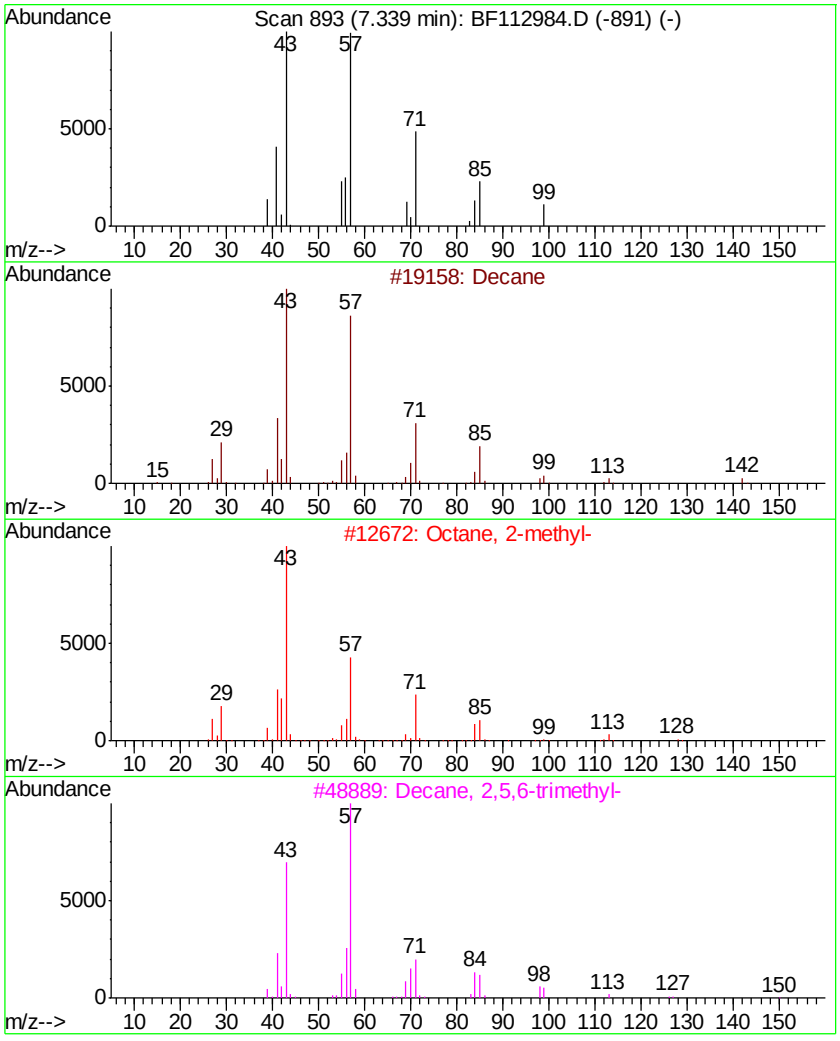
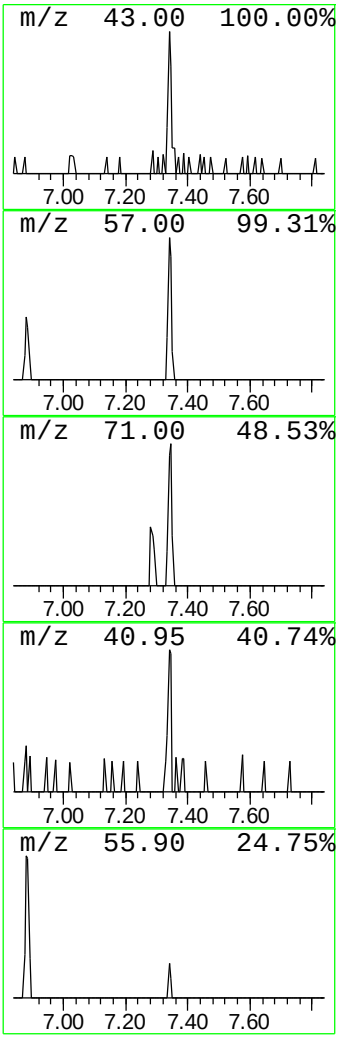
Peak Number 3 Decane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.34	2.80 ng	17245	1,4-Dichlorobenzene-d4	6.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	56
2	Octane, 2-methyl-	128	C9H20	003221-61-2	56
3	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	50
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	50
5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	45





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112984.D
Acq On : 12 Mar 2019 5:16
Operator : JU/SJ
Sample : K1817-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-027-B111-030619

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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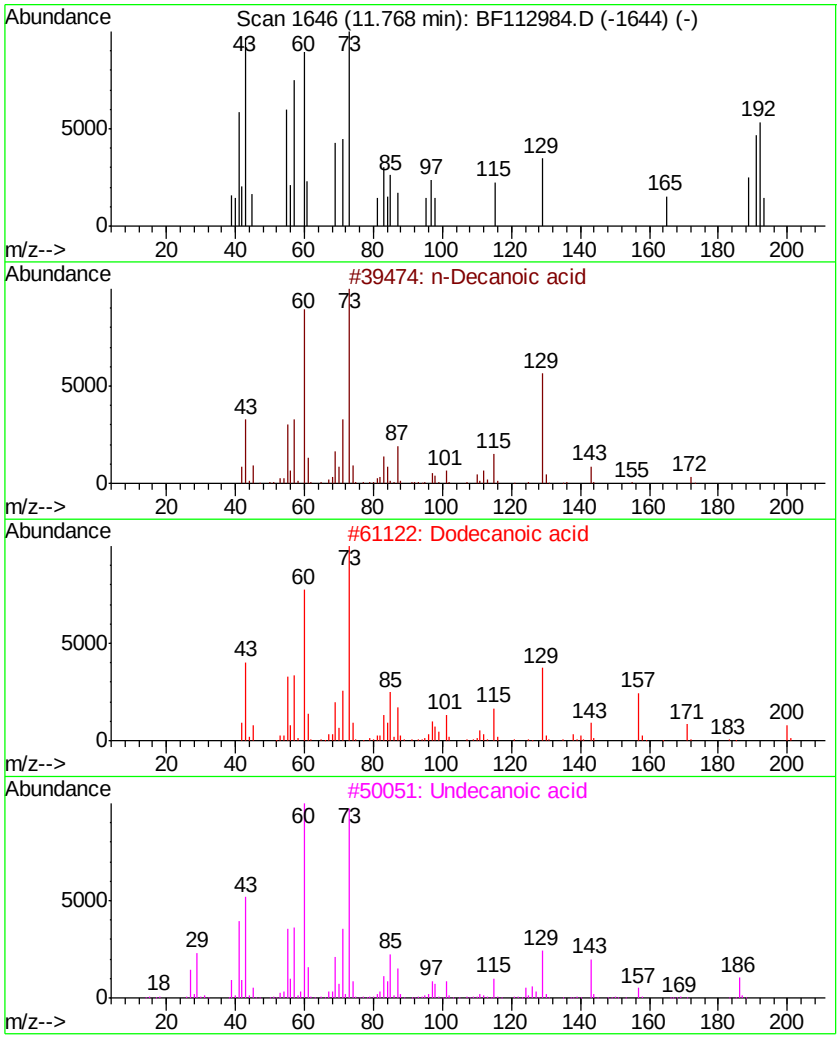
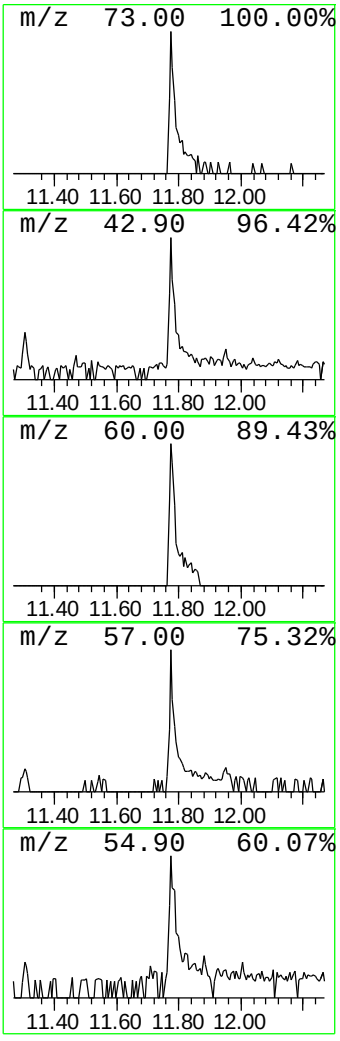
Peak Number 4 n-Decanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	4.18 ng	60901	Phenanthrene-d10	11.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	50
2	Dodecanoic acid	200	C12H24O2	000143-07-7	43
3	Undecanoic acid	186	C11H22O2	000112-37-8	35
4	Pentadecane	212	C15H32	000629-62-9	10
5	Isobutyl 3-methylbutyl disulfide	192	C9H20S2	075203-66-6	10





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112984.D
Acq On : 12 Mar 2019 5:16
Operator : JU/SJ
Sample : K1817-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-027-B111-030619

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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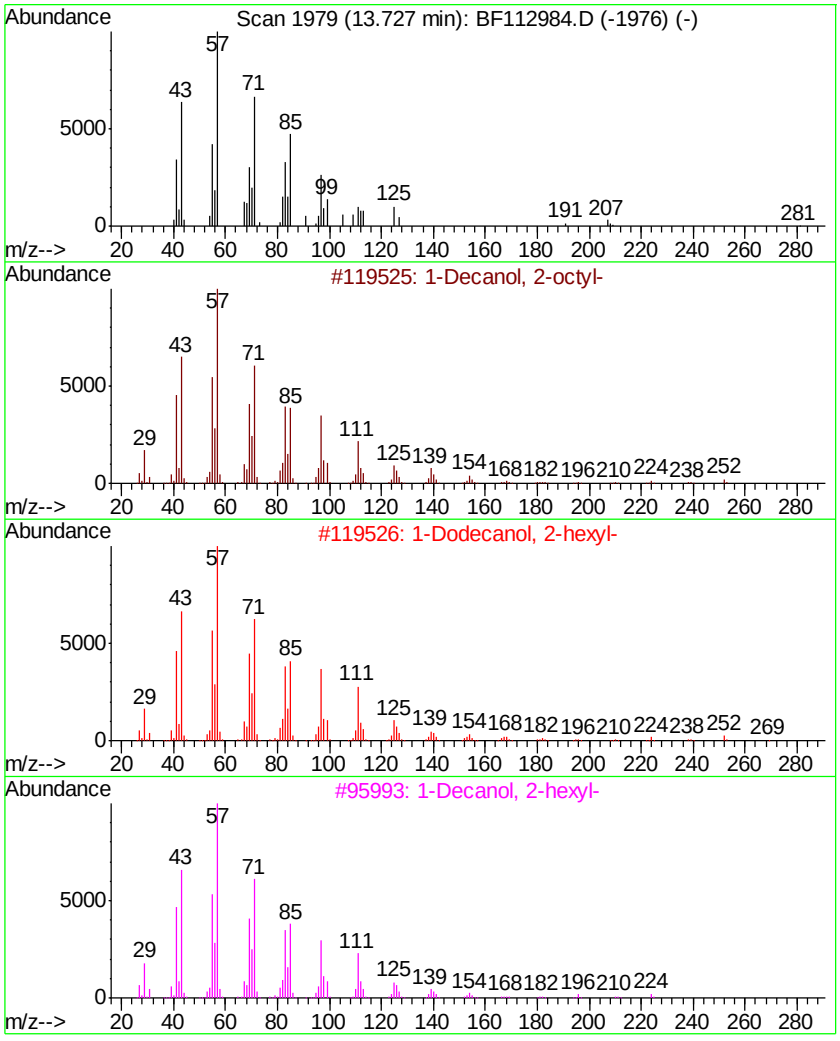
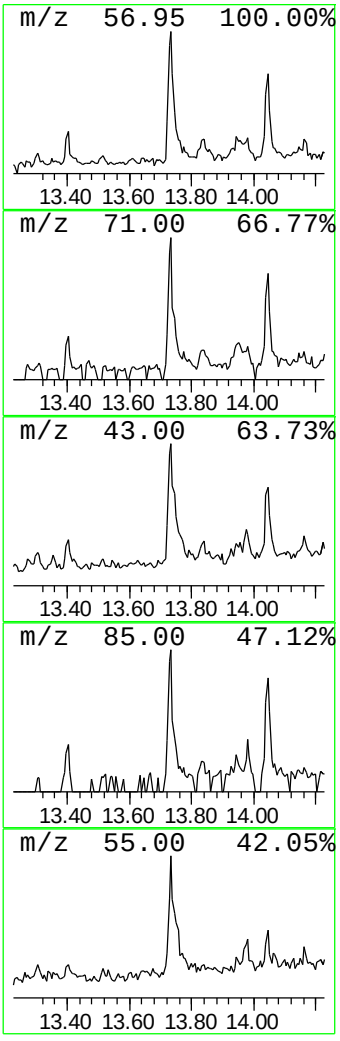
Peak Number 6 1-Decanol, 2-octyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	6.17 ng	87133	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	91
2	1-Dodecanol, 2-hexyl-	270	C18H38O	110225-00-8	87
3	1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	87
4	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	87
5	Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	87





Library Search Compound Report

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Data File : BF112984.D
Acq On : 12 Mar 2019 5:16
Operator : JU/SJ
Sample : K1817-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-027-B111-030619

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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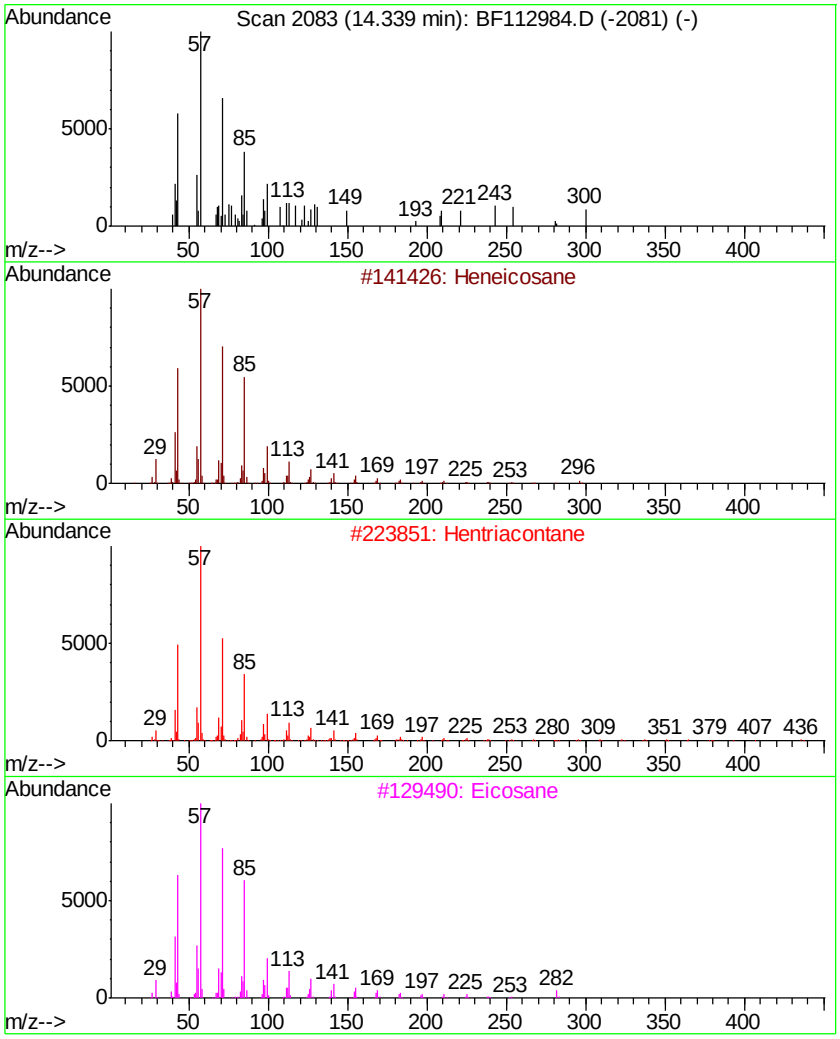
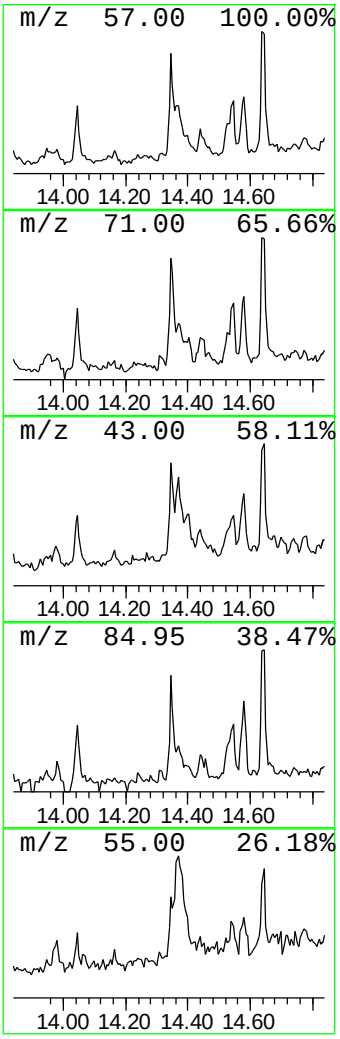
Peak Number 7 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.34	3.60 ng	50844	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Hentriacontane	437	C31H64	000630-04-6	87
3	Eicosane	282	C20H42	000112-95-8	87
4	Triacontane	422	C30H62	000638-68-6	87
5	Pentacosane	352	C25H52	000629-99-2	87





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Instrument : BNA_F
ClientSampleId : PST-027-B111-030619

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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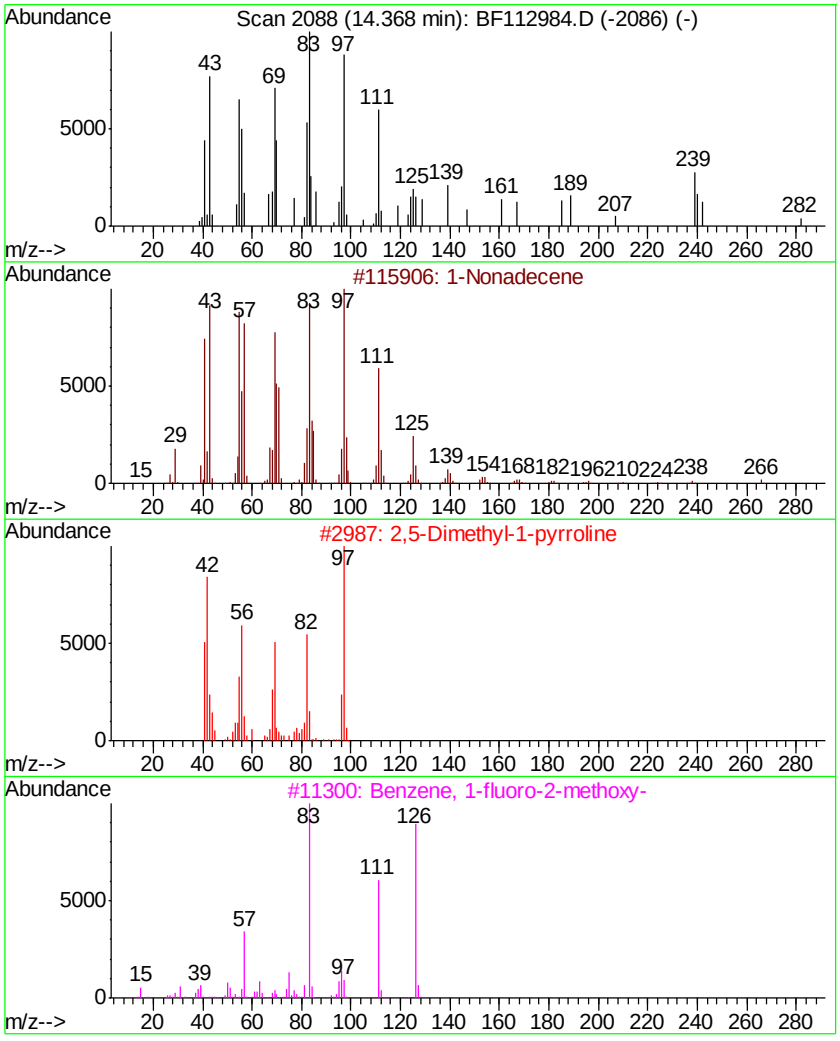
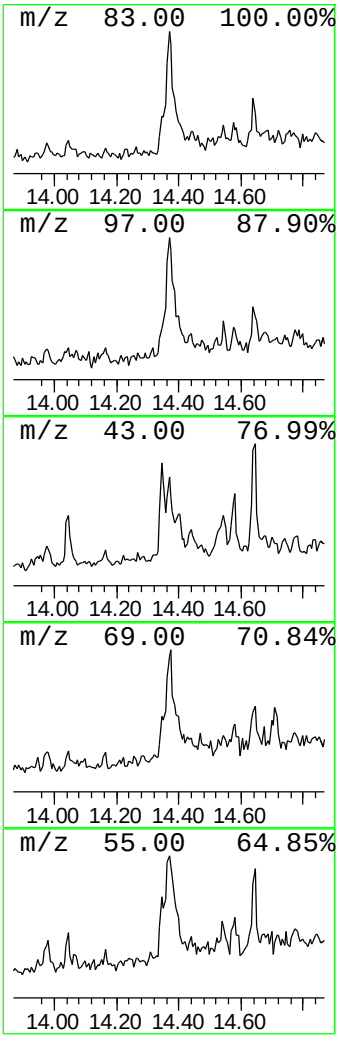
Peak Number 8 1-Nonadecene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.37	3.18 ng	44939	Chrysene-d12	13.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	64
2	2,5-Dimethyl-1-pyrroline	97	C6H11N	000822-64-0	38
3	Benzene, 1-fluoro-2-methoxy-	126	C7H7FO	000321-28-8	35
4	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	25
5	Cyclohexane, propyl-	126	C9H18	001678-92-8	25





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Instrument : BNA_F
ClientSampleId : PST-027-B111-030619

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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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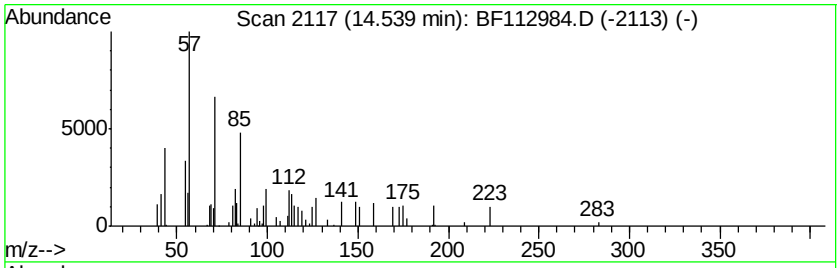
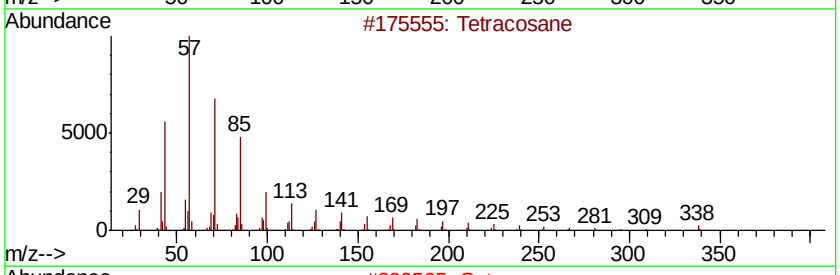
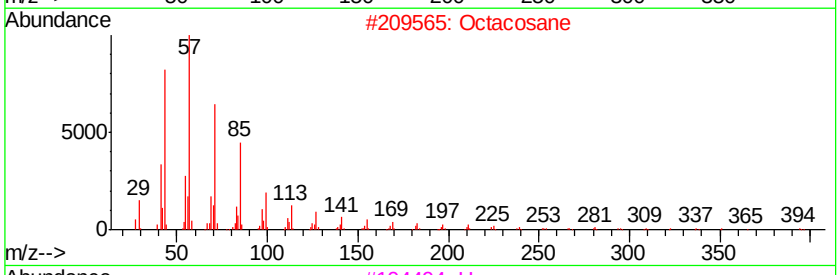
Peak Number 9 Tetracosane Concentration Rank 14

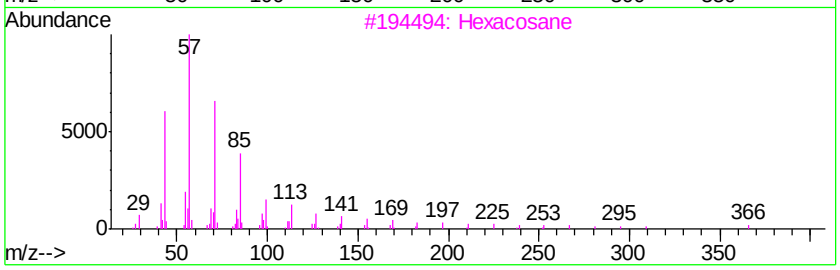
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	2.40 ng	33871	Chrysene-d12	13.86

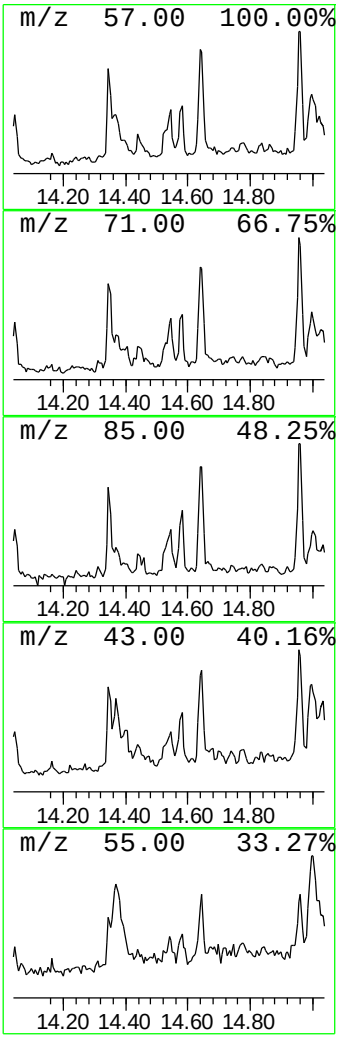
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	64
2	Octacosane	394	C28H58	000630-02-4	64
3	Hexacosane	366	C26H54	000630-01-3	64
4	Heptacosane	380	C27H56	000593-49-7	59
5	Hentriacontane	437	C31H64	000630-04-6	59











Library Search Compound Report

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Data File : BF112984.D
Acq On : 12 Mar 2019 5:16
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Sample : K1817-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-027-B111-030619

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

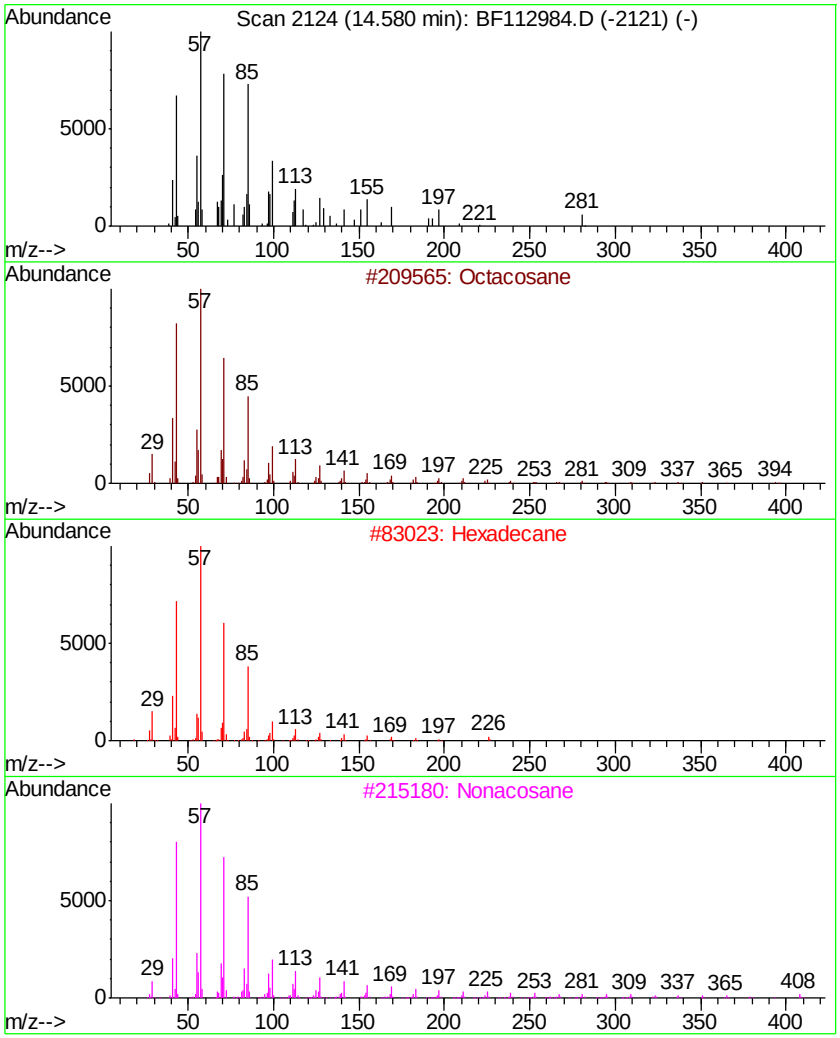
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

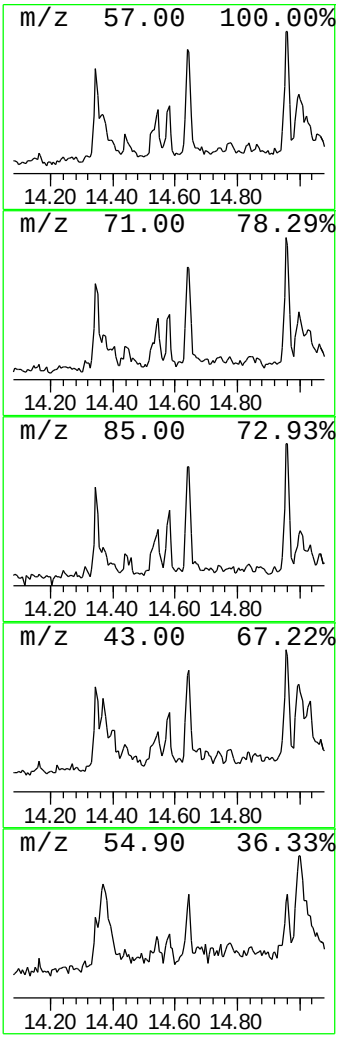
****

Peak Number 10 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.58	2.84 ng	26280	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	78
2	Hexadecane	226	C16H34	000544-76-3	78
3	Nonacosane	408	C29H60	000630-03-5	72
4	Heneicosane	296	C21H44	000629-94-7	64
5	Dodecane	170	C12H26	000112-40-3	59





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Data File : BF112984.D
Acq On : 12 Mar 2019 5:16
Operator : JU/SJ
Sample : K1817-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-027-B111-030619

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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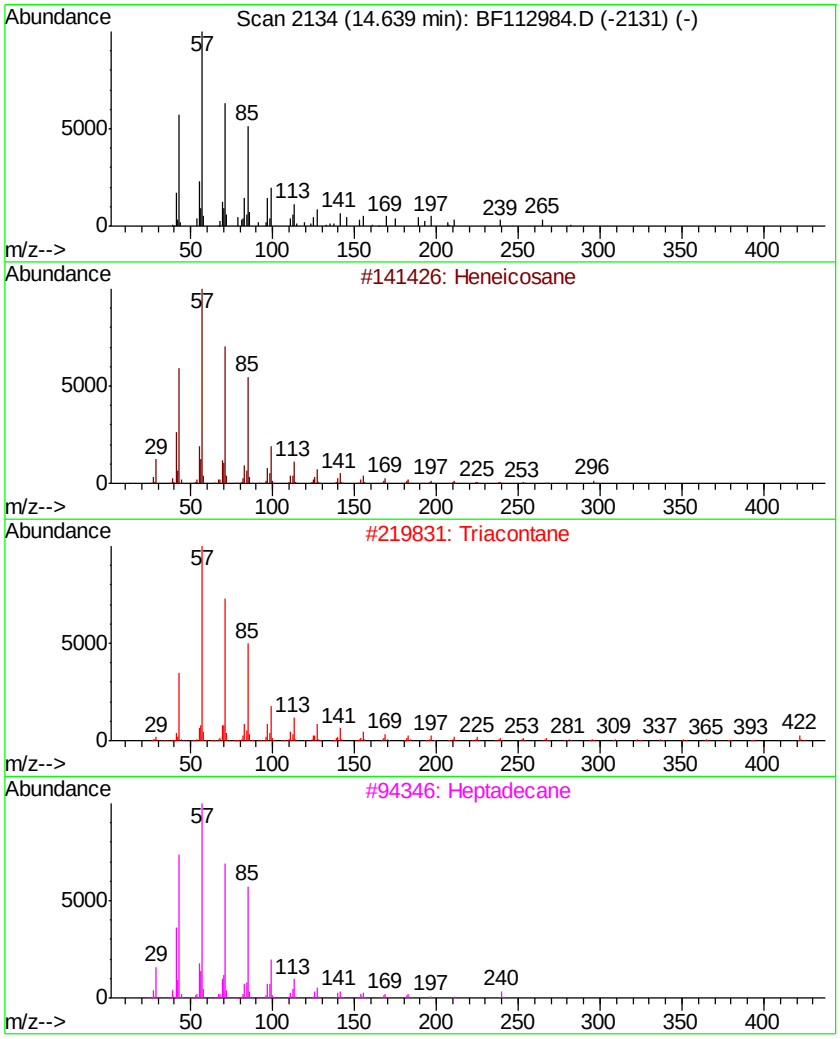
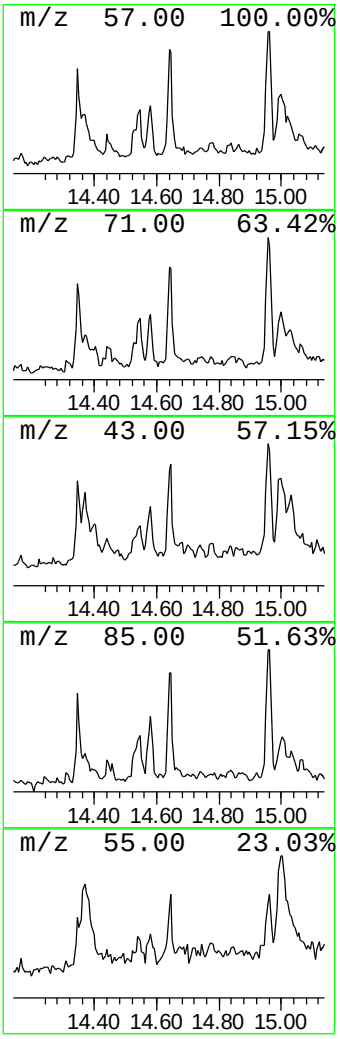
Peak Number 11 unknown1464 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	5.86 ng	54176	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	86
2	Triacontane	422	C30H62	000638-68-6	80
3	Heptadecane	240	C17H36	000629-78-7	72
4	Nonacosane	408	C29H60	000630-03-5	72
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	72





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Data File : BF112984.D
Acq On : 12 Mar 2019 5:16
Operator : JU/SJ
Sample : K1817-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-027-B111-030619

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
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TIC Library : C:\DATABASE\NIST11.L
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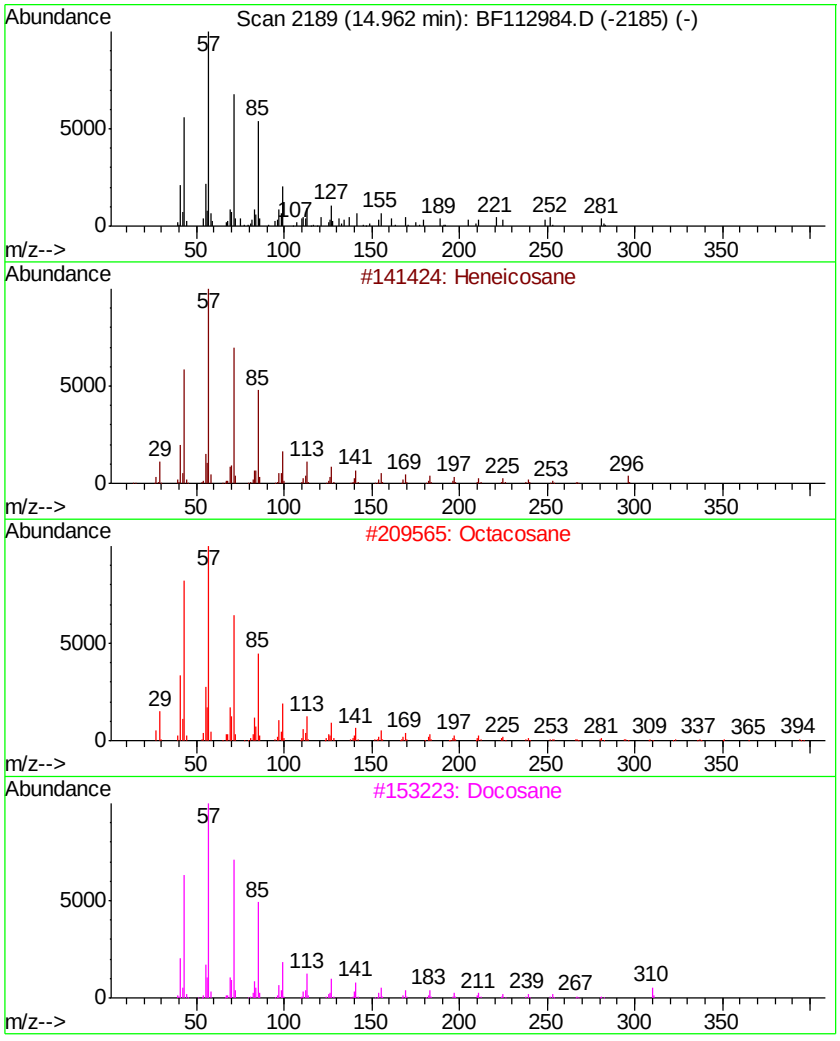
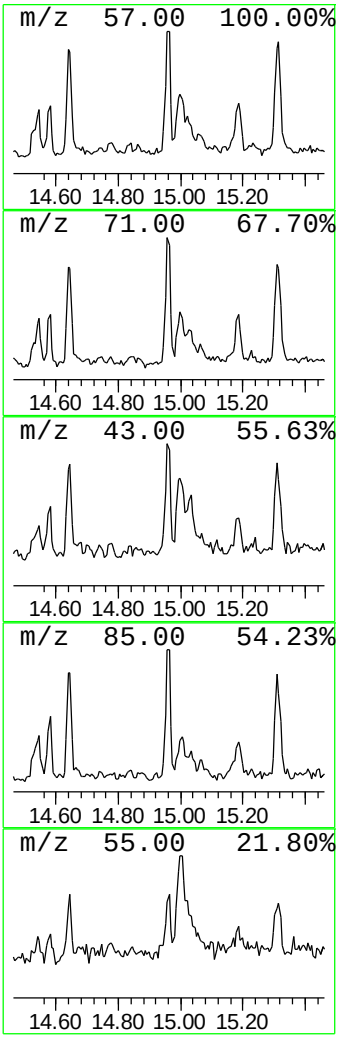
Peak Number 12 unknown14.96 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	7.70 ng	71224	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	87
2	Octacosane	394	C28H58	000630-02-4	86
3	Docosane	310	C22H46	000629-97-0	86
4	Triacontane	422	C30H62	000638-68-6	86
5	Heptadecane	240	C17H36	000629-78-7	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031119\
Data File : BF112984.D
Acq On : 12 Mar 2019 5:16
Operator : JU/SJ
Sample : K1817-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-027-B111-030619

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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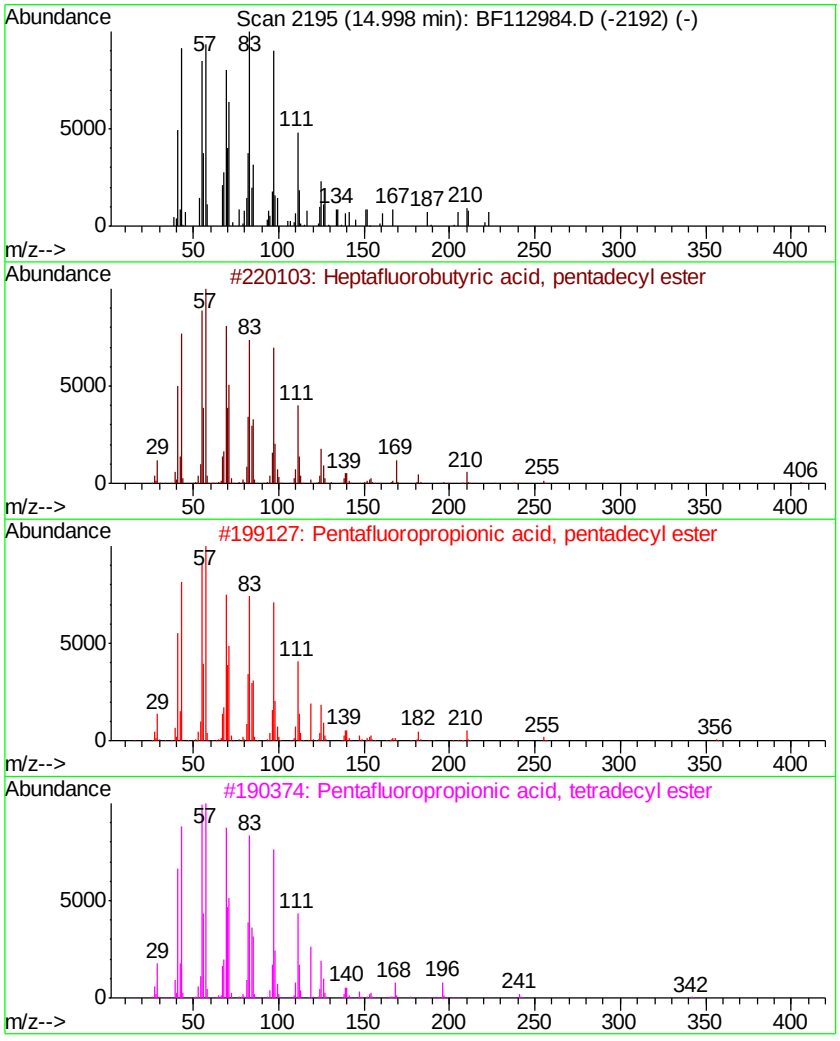
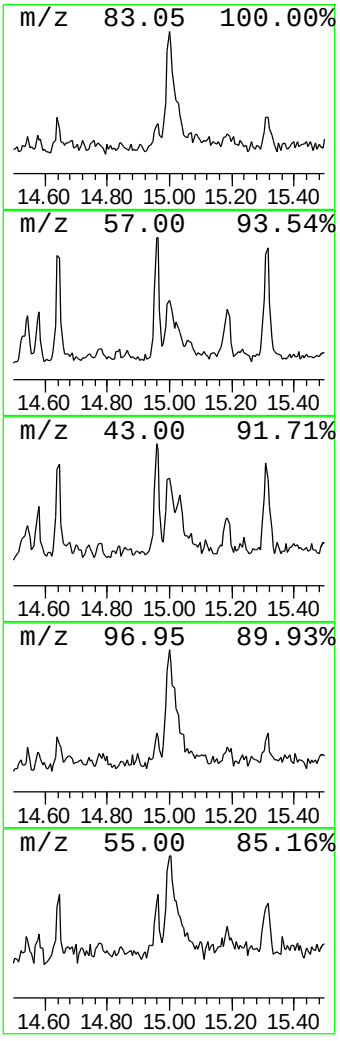
Peak Number 13 Heptafluorobutyric acid, pe... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	8.98 ng	83050	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	94
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	87
4	Behenic alcohol	326	C22H46O	000661-19-8	87
5	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	87





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Data File : BF112984.D
Acq On : 12 Mar 2019 5:16
Operator : JU/SJ
Sample : K1817-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-027-B111-030619

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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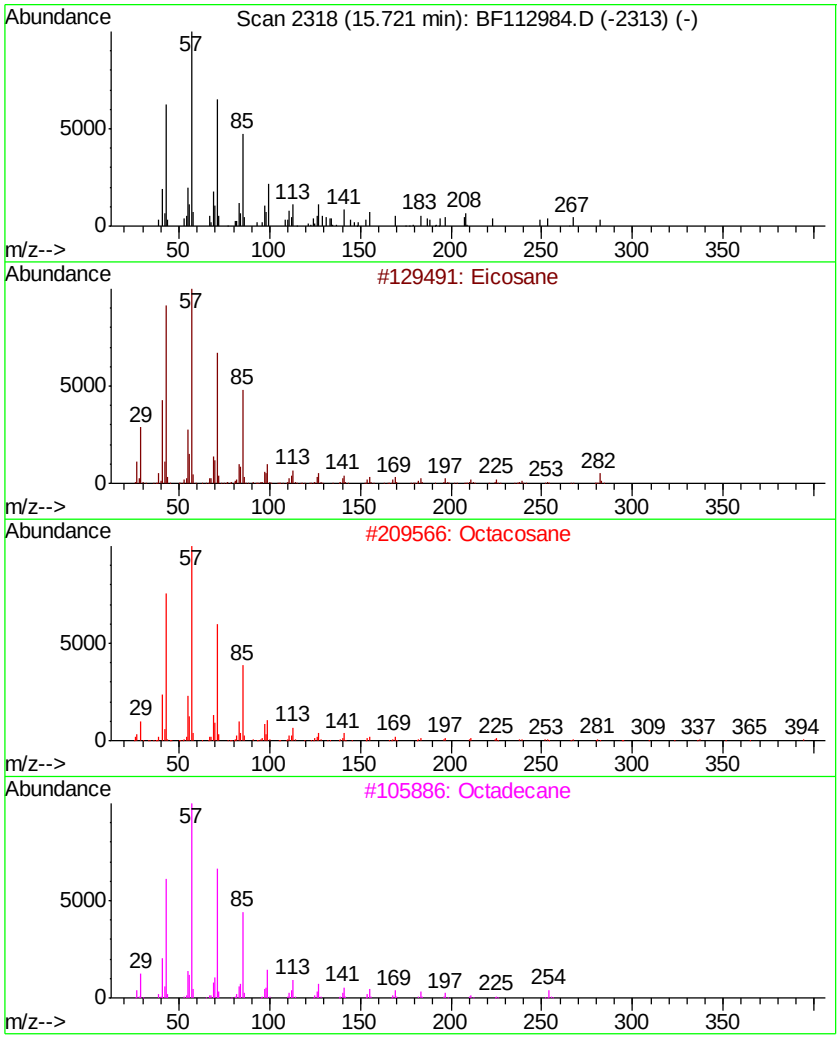
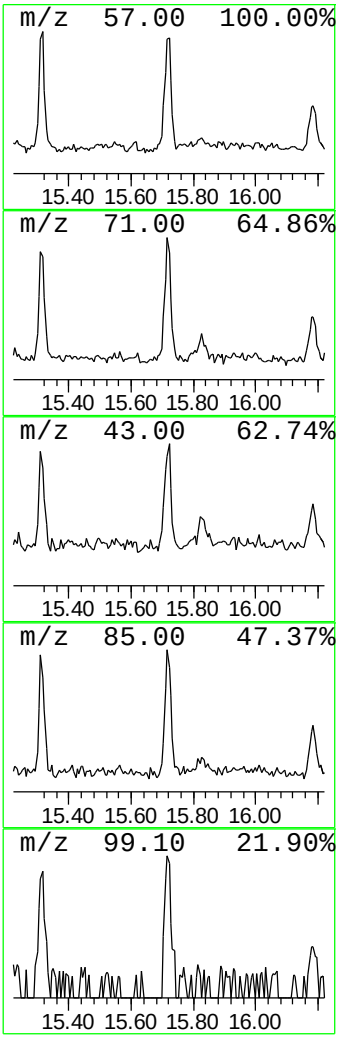
Peak Number 14 Eicosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.72	8.11 ng	75000	Perylene-d12	15.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	90
2	Octacosane	394	C28H58	000630-02-4	83
3	Octadecane	254	C18H38	000593-45-3	80
4	5-Ethyl-5-methylnonadecane	310	C22H46	1000360-42-7	80
5	Hexacosane	366	C26H54	000630-01-3	80





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
Data File : BF112984.D
Acq On : 12 Mar 2019 5:16
Operator : JU/SJ
Sample : K1817-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PST-027-B111-030619

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
unknown6.49	6.49	60.2	ng	371206	1	6.73	123391	20.0
Decane	7.34	2.8	ng	17245	1	6.73	123391	20.0
n-Decanoic acid	11.77	4.2	ng	60901	4	11.24	291656	20.0
1-Decanol, 2-octyl-	13.73	6.2	ng	87133	5	13.86	282459	20.0
Heneicosane	14.34	3.6	ng	50844	5	13.86	282459	20.0
1-Nonadecene	14.37	3.2	ng	44939	5	13.86	282459	20.0
Tetracosane	14.54	2.4	ng	33871	5	13.86	282459	20.0
Octacosane	14.58	2.8	ng	26280	6	15.27	184882	20.0
unknown1464	14.64	5.9	ng	54176	6	15.27	184882	20.0
unknown14.96	14.96	7.7	ng	71224	6	15.27	184882	20.0
Heptafluorobutyri...	15.00	9.0	ng	83050	6	15.27	184882	20.0
Eicosane	15.72	8.1	ng	75000	6	15.27	184882	20.0