LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116142.D
Acq On : 10 Aug 2019 11:22
Operator : HP/JU
Sample : K4254-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RECOVERED-CRSH-AGGREGATE-

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-BF073019.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	2.122	3	6	23	rVB	1806845	2301851	31.28%	2.387%
2	5.463	570	574	596	rBV	2025527	3081687	41.88%	3.195%
3	5.610	596	599	603	rVV	65779	86963	1.18%	0.090%
4	6.481	742	747	765	rBV	2973835	3396955	46.17%	3.522%
5	6.610	765	769	792	rVB	3275152	3397340	46.17%	3.523%
6	6.839	804	808	814	rBV	816149	770960	10.48%	0.799%
7	6.992	830	834	846	rBV	2855245	2758039	37.48%	2.860%
8	7.398	899	903	919	rBV	1999992	2241401	30.46%	2.324%
9	8.116	1021	1025	1044	rBV	1086704	994818	13.52%	1.032%
10	9.192	1203	1208	1211	rBV	4244981	4086504	55.54%	4.237%
11	9.586	1271	1275	1281	rBV	344151	328353	4.46%	0.340%
12	9.869	1319	1323	1335	rBV	1361090	1219486	16.57%	1.264%
13	10.663	1454	1458	1474	rBV	2082789	2196046	29.85%	2.277%
14	11.057	1514	1525	1540	rBV2	1800930	5656157	76.87%	5.865%
15	11.357	1573	1576	1585	rBV	1362134	1289827	17.53%	1.337%
16	11.845	1645	1659	1660	rBV	451651	1048778	14.25%	1.087%
17	11.898	1660	1668	1691	rVB	3474358	7193786	97.77%	7.459%
18	12.063	1692	1696	1698	rBV3	108642	152634	2.07%	0.158%
19	12.221	1714	1723	1733	rBV	2530699	5753444	78.19%	5.966%
20	12.580	1778	1784	1789	rBV3	434018	949478	12.90%	0.985%
21	12.627	1789	1792	1794	rVV	407752	535911	7.28%	0.556%
22	12.674	1794	1800	1821	rVB	3549943	7357885	100.00%	7.629%
23	12.945	1841	1846	1849	rVB	4381461	4586554	62.34%	4.756%
24	13.663	1965	1968	1973	rBV	181513	178062	2.42%	0.185%
25	13.857	1998	2001	2011	rVB2	197878	391781	5.32%	0.406%
26	13.963	2016	2019	2022	rBV	158375	138234	1.88%	0.143%
27	13.998	2022	2025	2027	rBV	1015355	1069661	14.54%	1.109%
28	14.021	2027	2029	2038	rVB	720095	681089	9.26%	0.706%
29	14.145	2046	2050	2055	rVB	281895	295219	4.01%	0.306%
30	14.357	2082	2086	2094	rBV	1520865	1595035	21.68%	1.654%
31	14.451	2097	2102	2108	rVB	667064	721898	9.81%	0.749%
32	14.680	2137	2141	2149	rBV	2791846	2939903	39.96%	3.048%
33	14.751	2149	2153	2162	rVB	1133589	1345117	18.28%	1.395%
34	14.827	2163	2166	2172	rVB	95027	102932	1.40%	0.107%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116142.D
Acq On : 10 Aug 2019 11:22
Operator : HP/JU
Sample : K4254-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RECOVERED-CRSH-AGGREGATE-

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-BF073019.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.027	2194	2200	2205	rBV	3245229	4164208	56.60%	4.318%
36	15.086	2205	2210	2220	rVB	1332813	1738912	23.63%	1.803%
37	15.257	2235	2239	2240	rBV	89457	105221	1.43%	0.109%
38	15.280	2240	2243	2246	rVB	78615	96797	1.32%	0.100%
39	15.410	2258	2265	2269	rBV	3228138	4929957	67.00%	5.112%
40	15.462	2269	2274	2287	rVB2	1618931	2663356	36.20%	2.762%
41	15.662	2304	2308	2313	rVV	131743	180442	2.45%	0.187%
42	15.715	2313	2317	2322	rVB	91190	133030	1.81%	0.138%
43	15.839	2331	2338	2342	rBV	2705233	4492660	61.06%	4.658%
44	15.886	2342	2346	2360	rVB	827100	1413255	19.21%	1.465%
45	16.162	2384	2393	2412	rVB7	182837	790025	10.74%	0.819%
46	16.345	2415	2424	2428	rBV	1554237	3096732	42.09%	3.211%
47	16.921	2515	2522	2541	rVB	530160	1358999	18.47%	1.409%
48	17.609	2633	2639	2650	rVB	158034	434654	5.91%	0.451%

Sum of corrected areas: 96442036

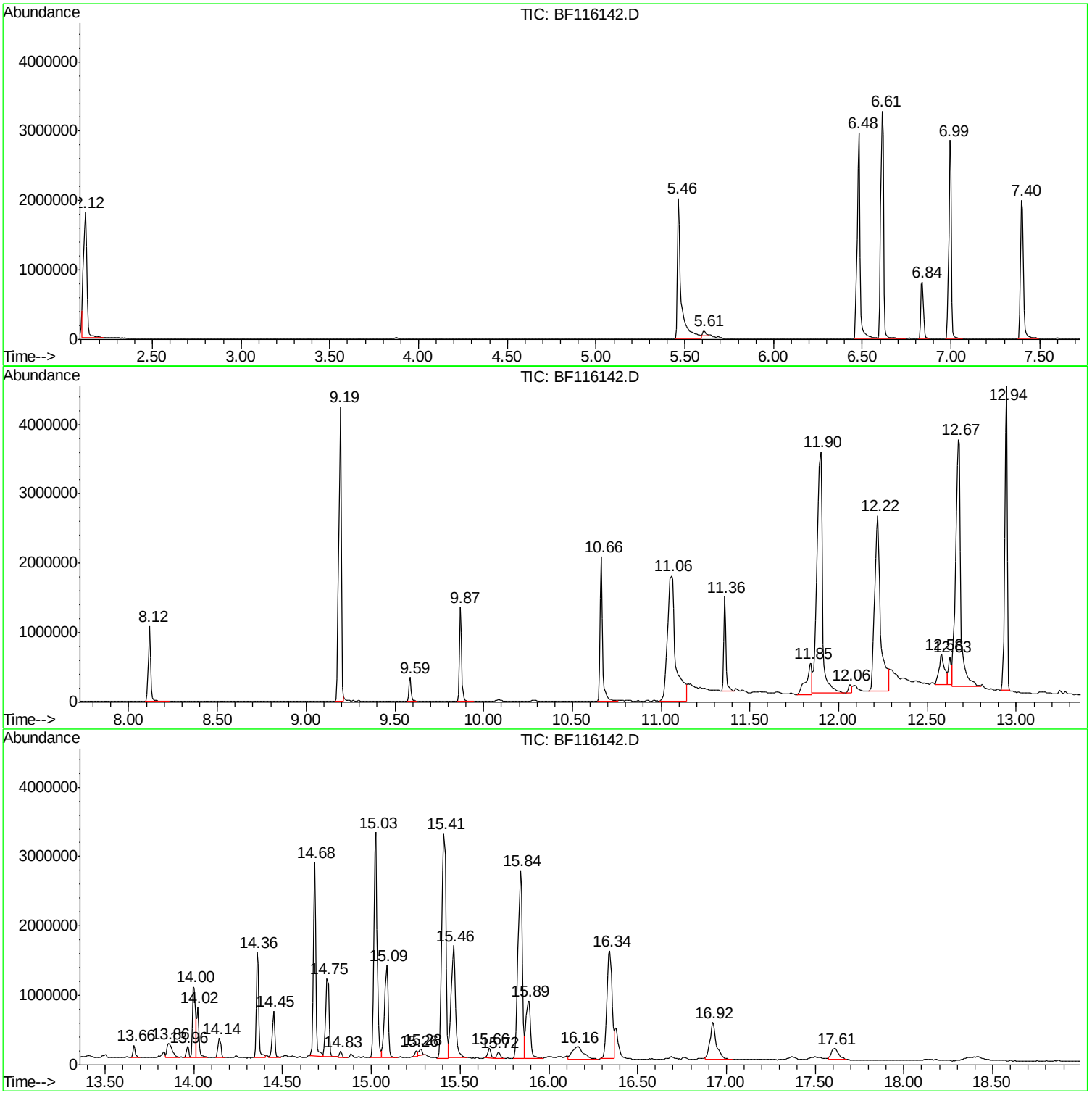
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116142.D
Acq On : 10 Aug 2019 11:22
Operator : HP/JU
Sample : K4254-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RECOVERED-CRSH-AGGREGATE-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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\BF081019\
Data File : BF116142.D
Acq On : 10 Aug 2019 11:22
Operator : HP/JU
Sample : K4254-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RECOVERED-CRSH-AGGREGATE-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

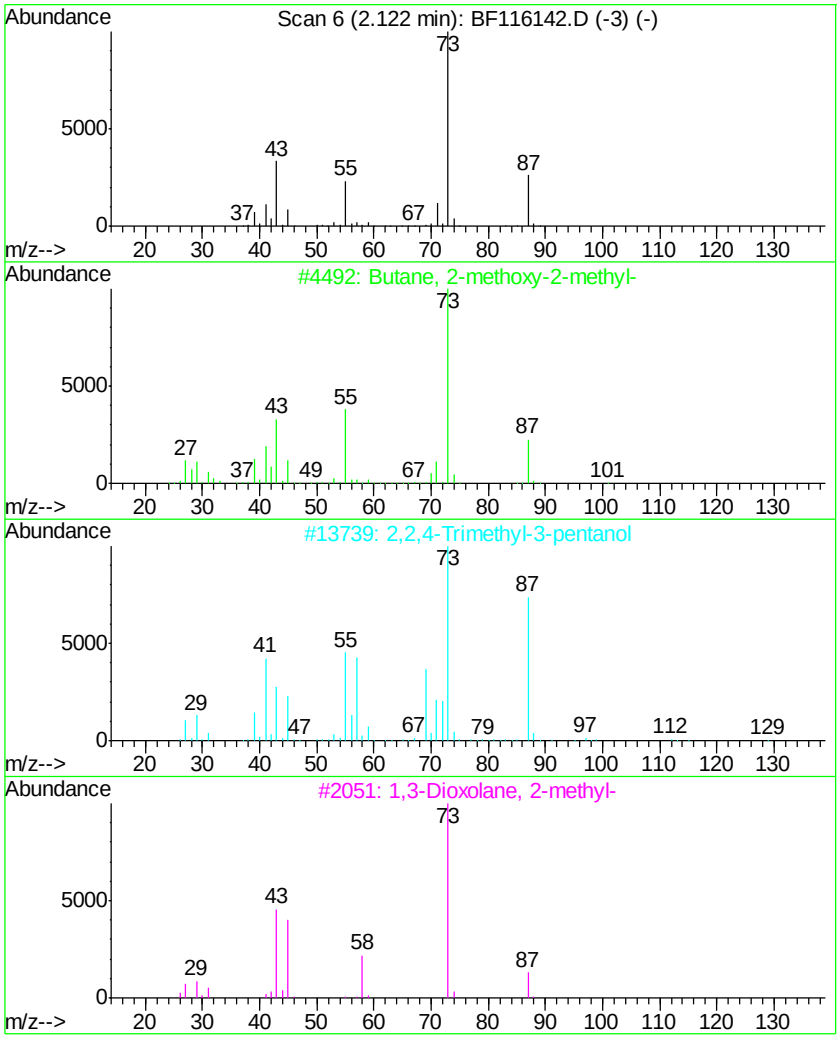
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

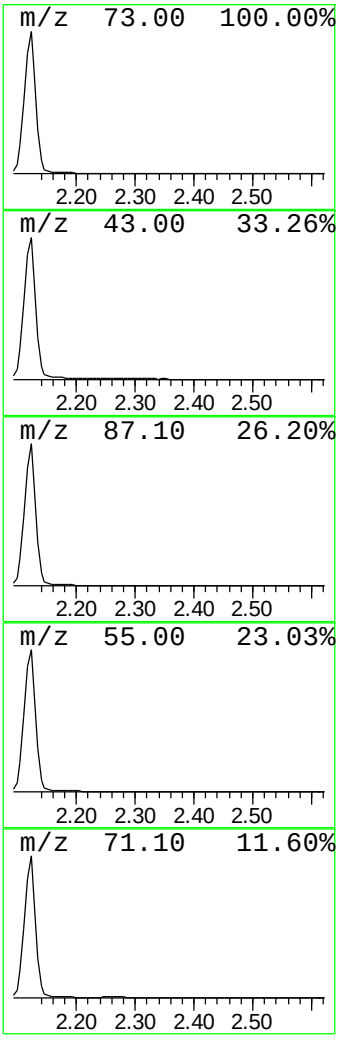
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	59.71 ng	2301850	1,4-Dichlorobenzene-d4	6.84

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	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116142.D
Acq On : 10 Aug 2019 11:22
Operator : HP/JU
Sample : K4254-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RECOVERED-CRSH-AGGREGATE-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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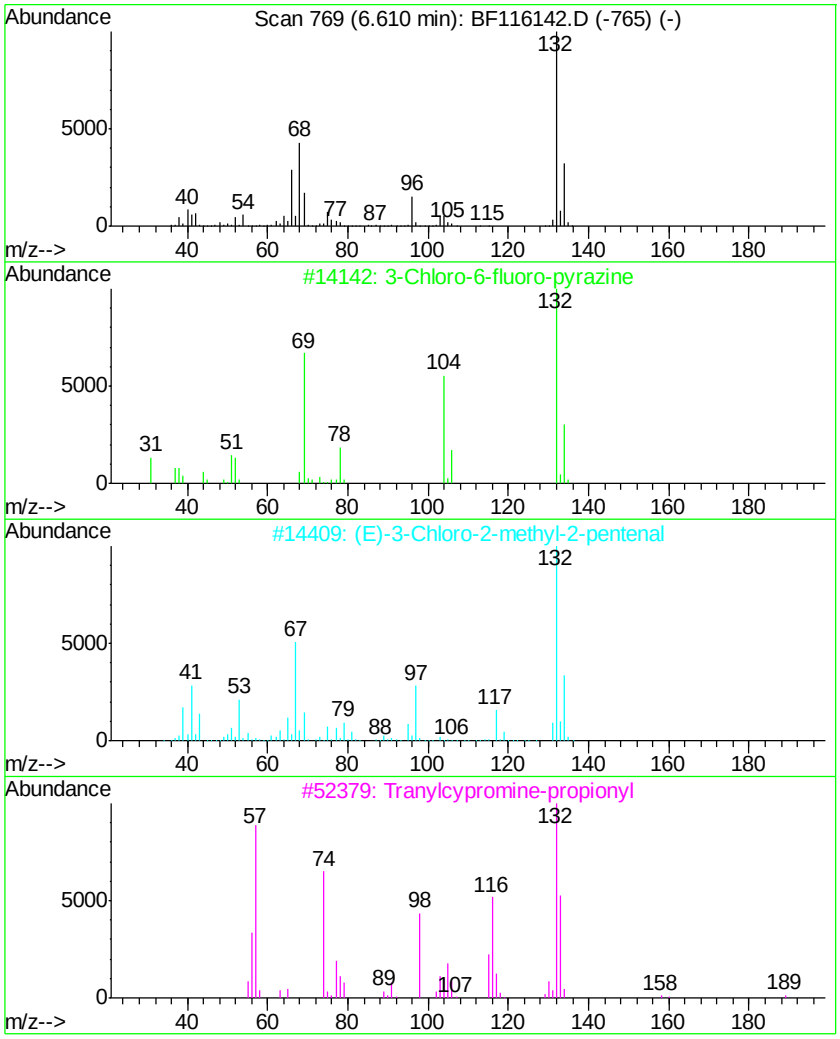
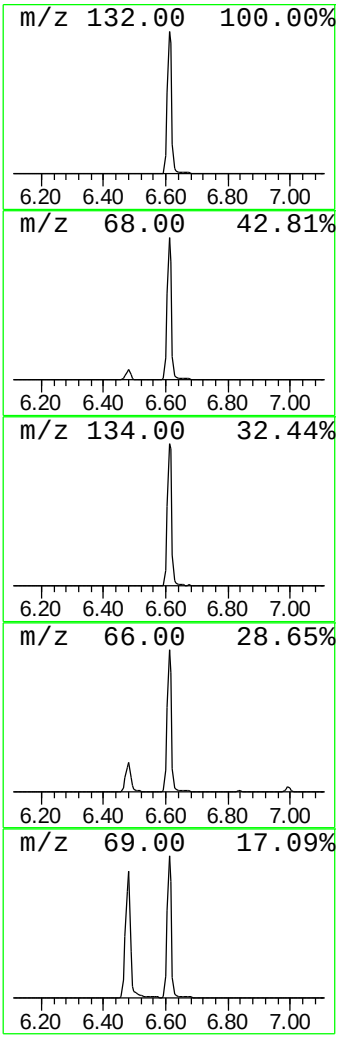
Peak Number 2 unknown6.61 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	88.13 ng	3397340	1,4-Dichlorobenzene-d4	6.84

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	16
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116142.D
Acq On : 10 Aug 2019 11:22
Operator : HP/JU
Sample : K4254-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RECOVERED-CRSH-AGGREGATE-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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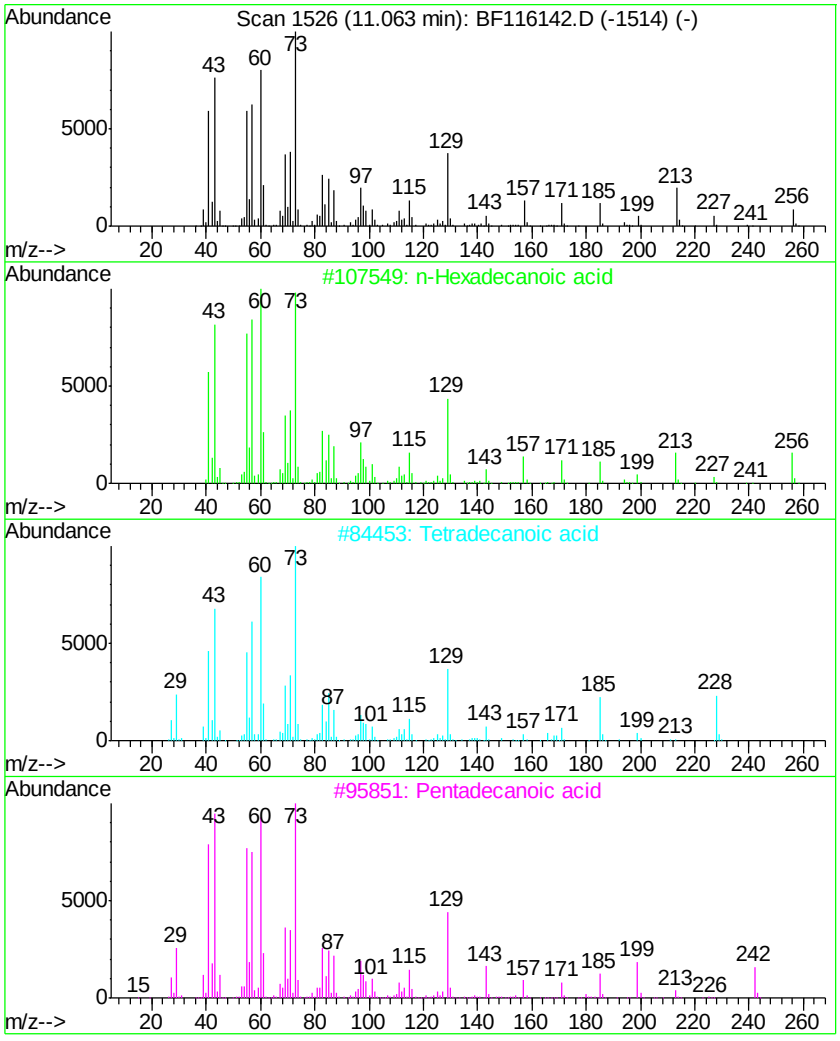
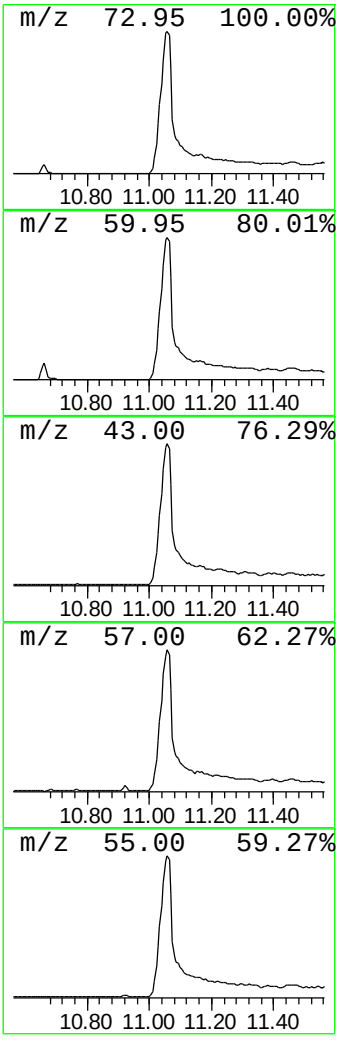
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	87.70 ng	5656160	Phenanthrene-d10	11.36

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	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	n-Decanoic acid	172	C10H20O2	000334-48-5	50





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116142.D
Acq On : 10 Aug 2019 11:22
Operator : HP/JU
Sample : K4254-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RECOVERED-CRSH-AGGREGATE-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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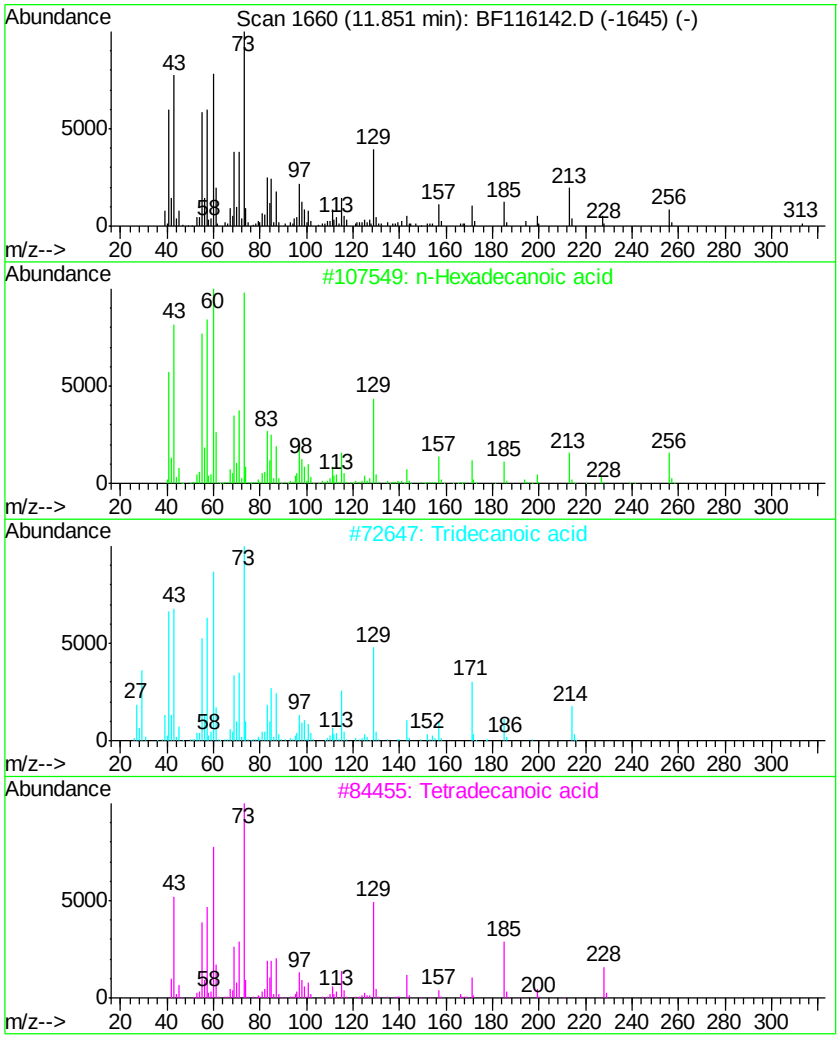
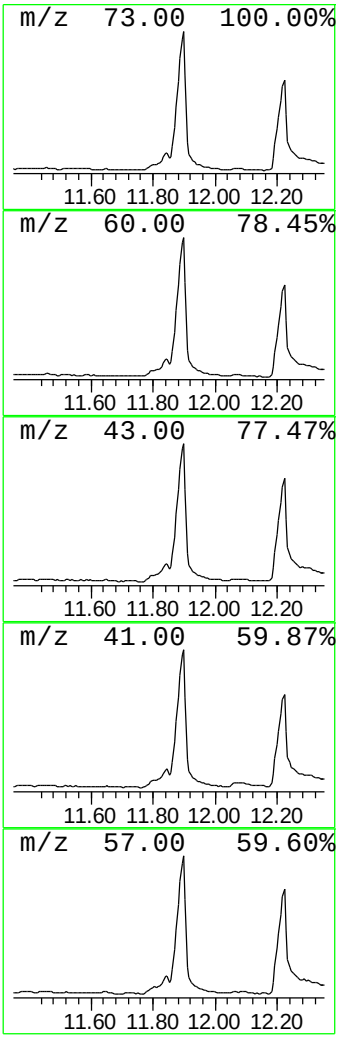
Peak Number 5 Tridecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	16.26 ng	1048780	Phenanthrene-d10	11.36

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	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	81
5	Dodecanoic acid	200	C12H24O2	000143-07-7	76





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116142.D
Acq On : 10 Aug 2019 11:22
Operator : HP/JU
Sample : K4254-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RECOVERED-CRSH-AGGREGATE-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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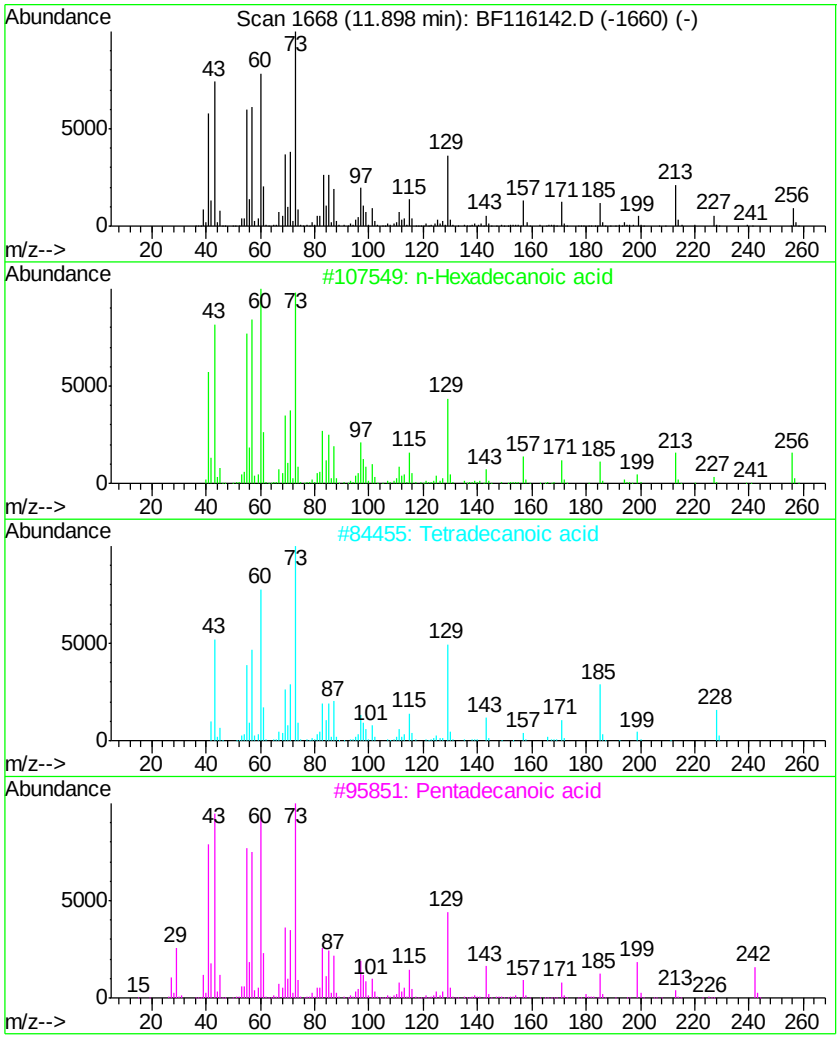
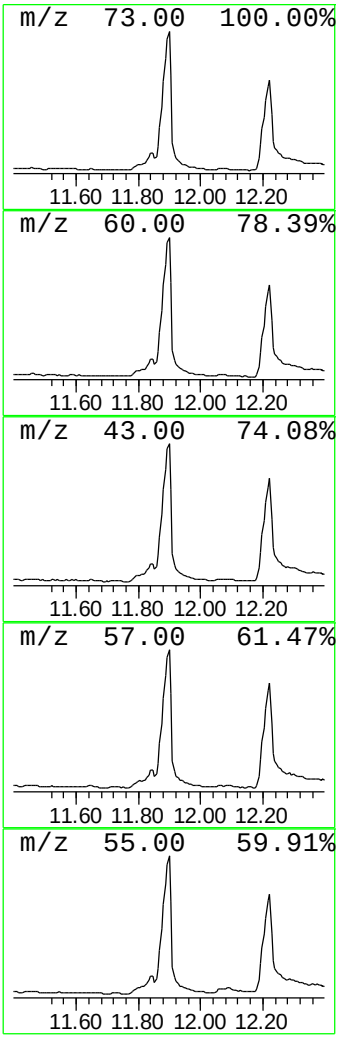
Peak Number 6 Pentadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	111.55 ng	7193790	Phenanthrene-d10	11.36

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Oxalic acid, allyl pentadecyl ester	340	C20H36O4	1000309-24-3	18





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116142.D
Acq On : 10 Aug 2019 11:22
Operator : HP/JU
Sample : K4254-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RECOVERED-CRSH-AGGREGATE-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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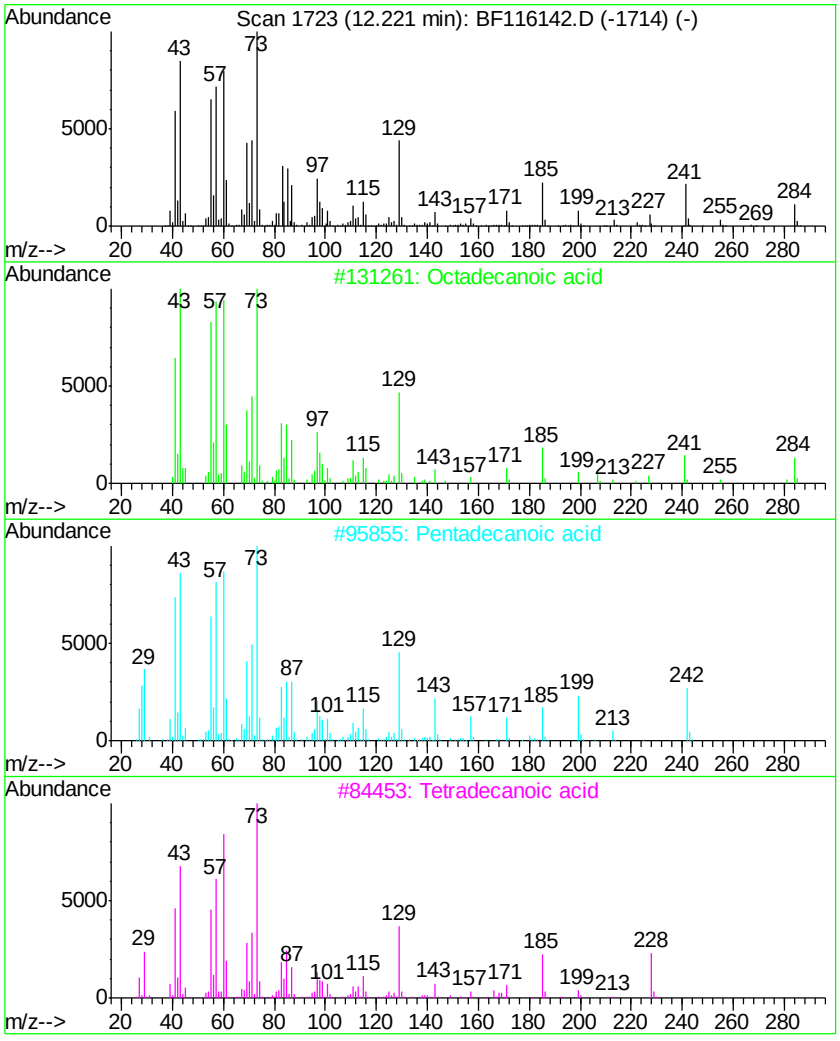
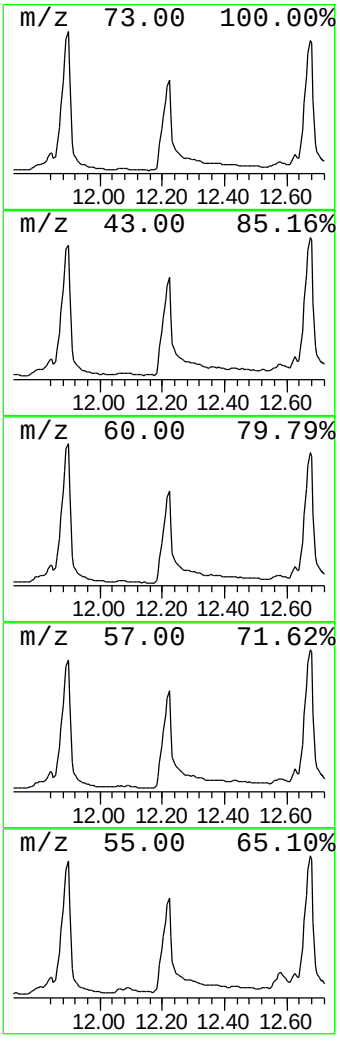
Peak Number 7 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	89.21 ng	5753440	Phenanthrene-d10	11.36

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	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116142.D
Acq On : 10 Aug 2019 11:22
Operator : HP/JU
Sample : K4254-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RECOVERED-CRSH-AGGREGATE-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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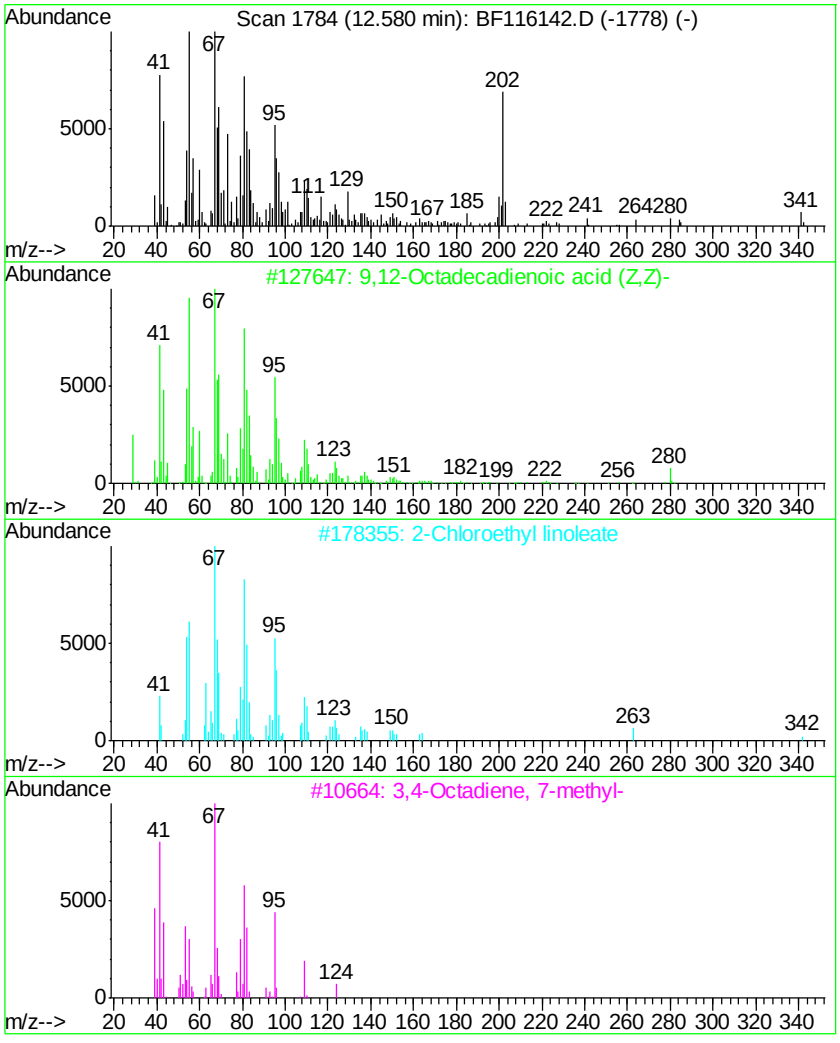
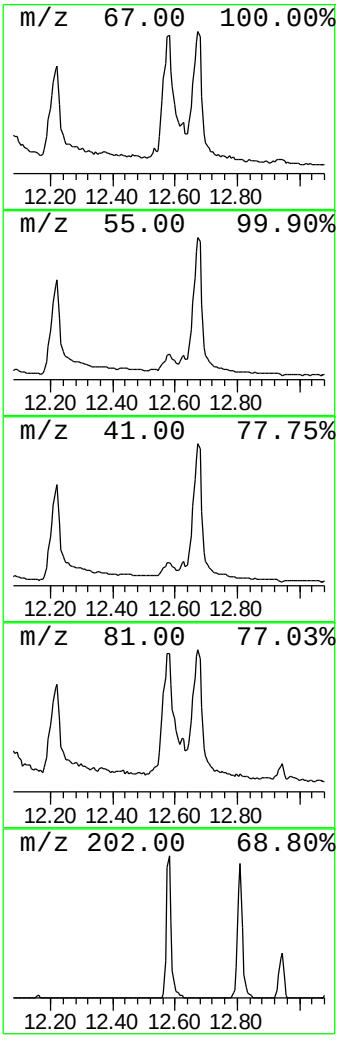
Peak Number 8 9,12-Octadecadienoic acid (... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	14.72 ng	949478	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	99
2	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	90
3	3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	64
4	1-Octadecyne	250	C18H34	000629-89-0	58
5	cis-7-Dodecen-1-yl acetate	226	C14H26O2	014959-86-5	49





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081019\
Data File : BF116142.D
Acq On : 10 Aug 2019 11:22
Operator : HP/JU
Sample : K4254-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RECOVERED-CRSH-AGGREGATE-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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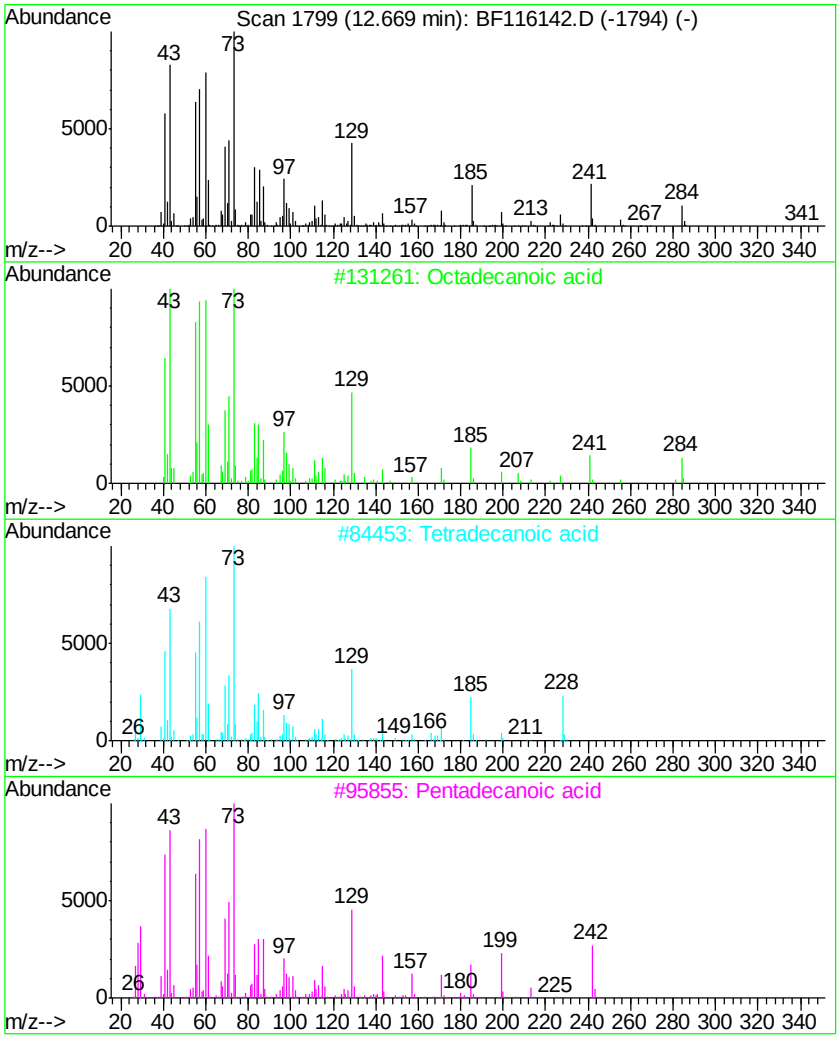
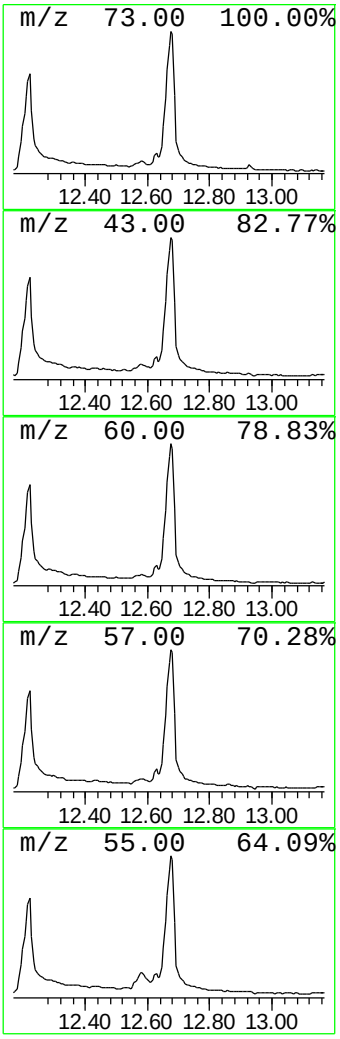
Peak Number 9 unknown12.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.67	114.09 ng	7357890	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	25
5	Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	18





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Data File : BF116142.D
Acq On : 10 Aug 2019 11:22
Operator : HP/JU
Sample : K4254-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RECOVERED-CRSH-AGGREGATE-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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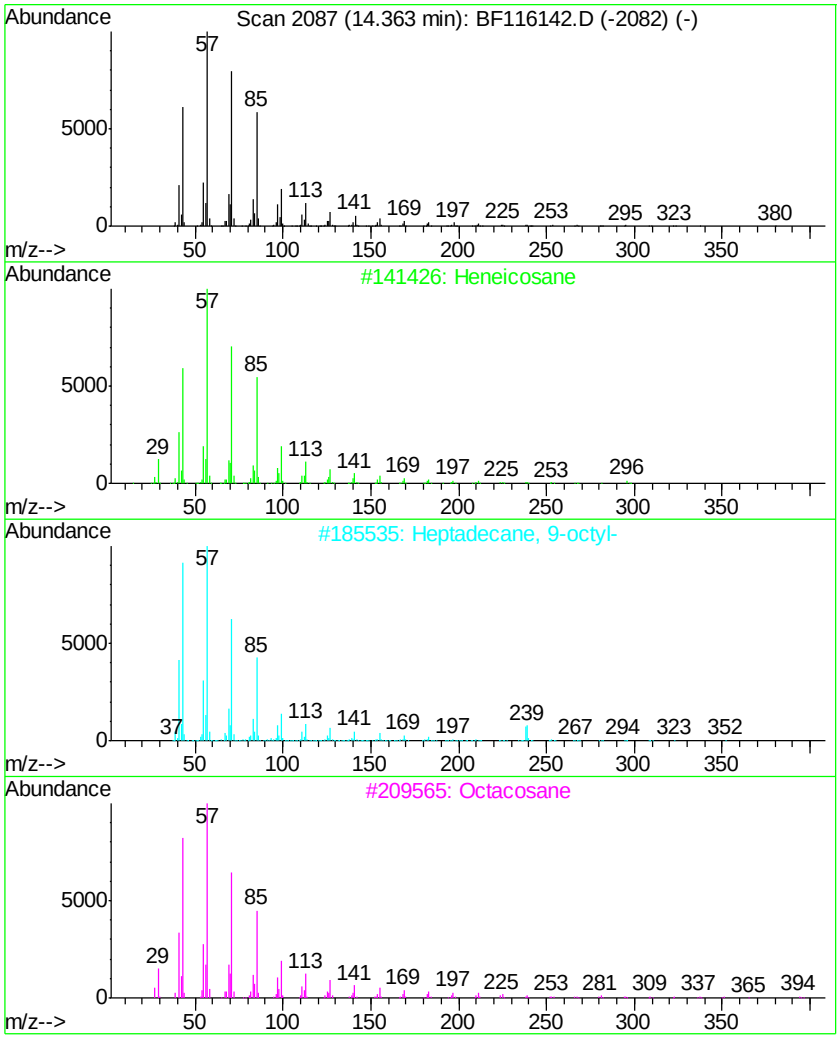
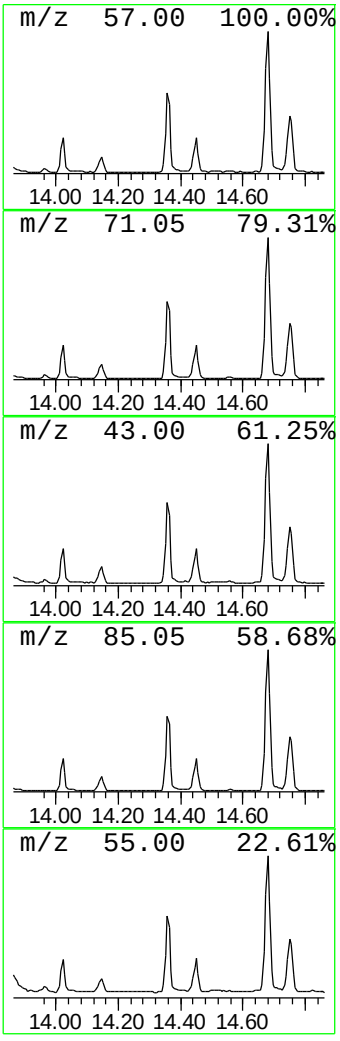
Peak Number 10 Heneicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.36	29.82 ng	1595040	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Octacosane	394	C28H58	000630-02-4	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5	Eicosane	282	C20H42	000112-95-8	87





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Operator : HP/JU
Sample : K4254-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RECOVERED-CRSH-AGGREGATE-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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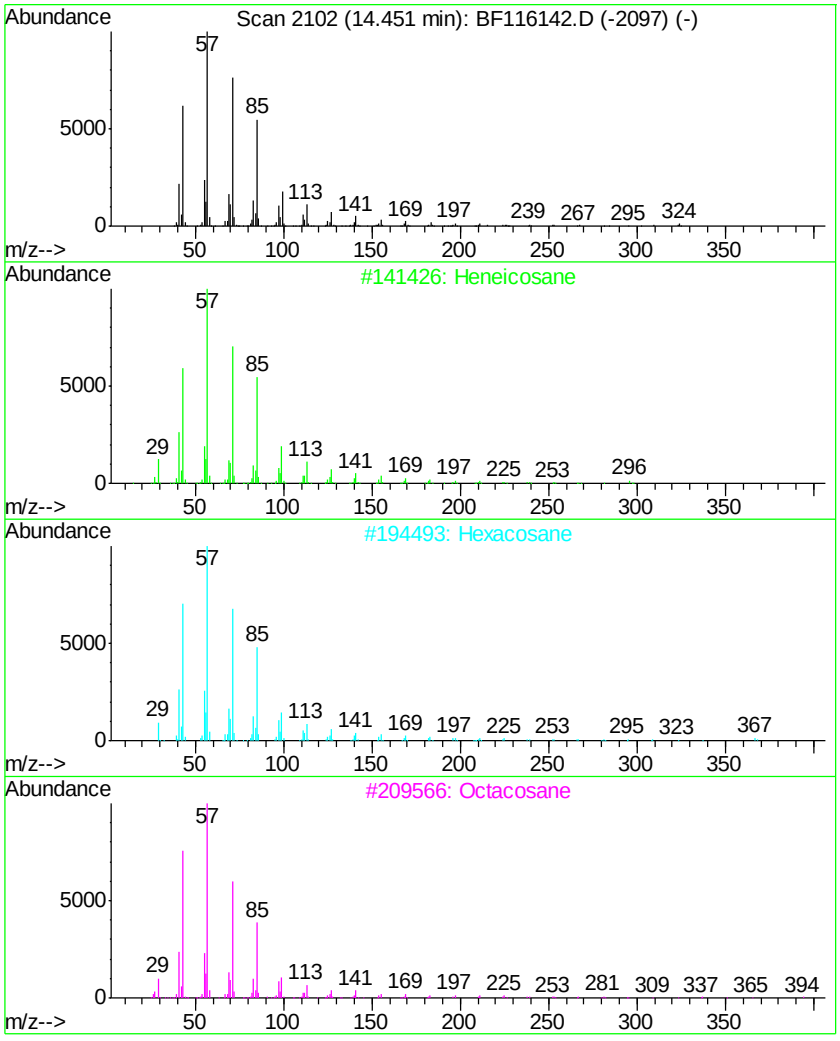
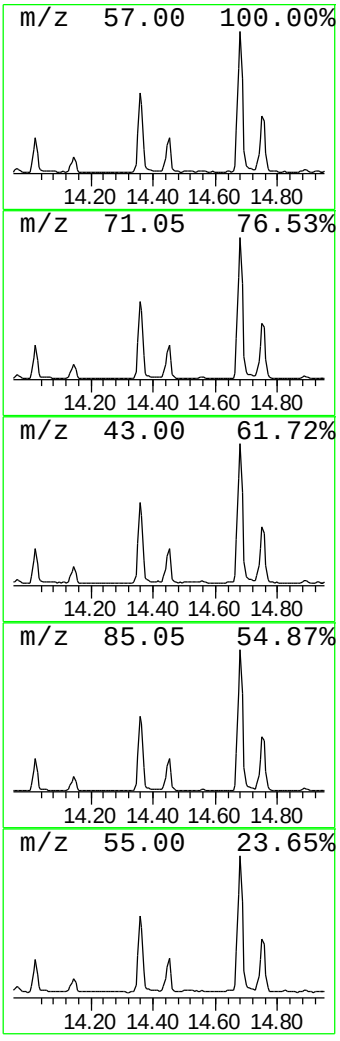
Peak Number 11 Hexacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	13.50 ng	721898	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane	394	C28H58	000630-02-4	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Operator : HP/JU
Sample : K4254-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RECOVERED-CRSH-AGGREGATE-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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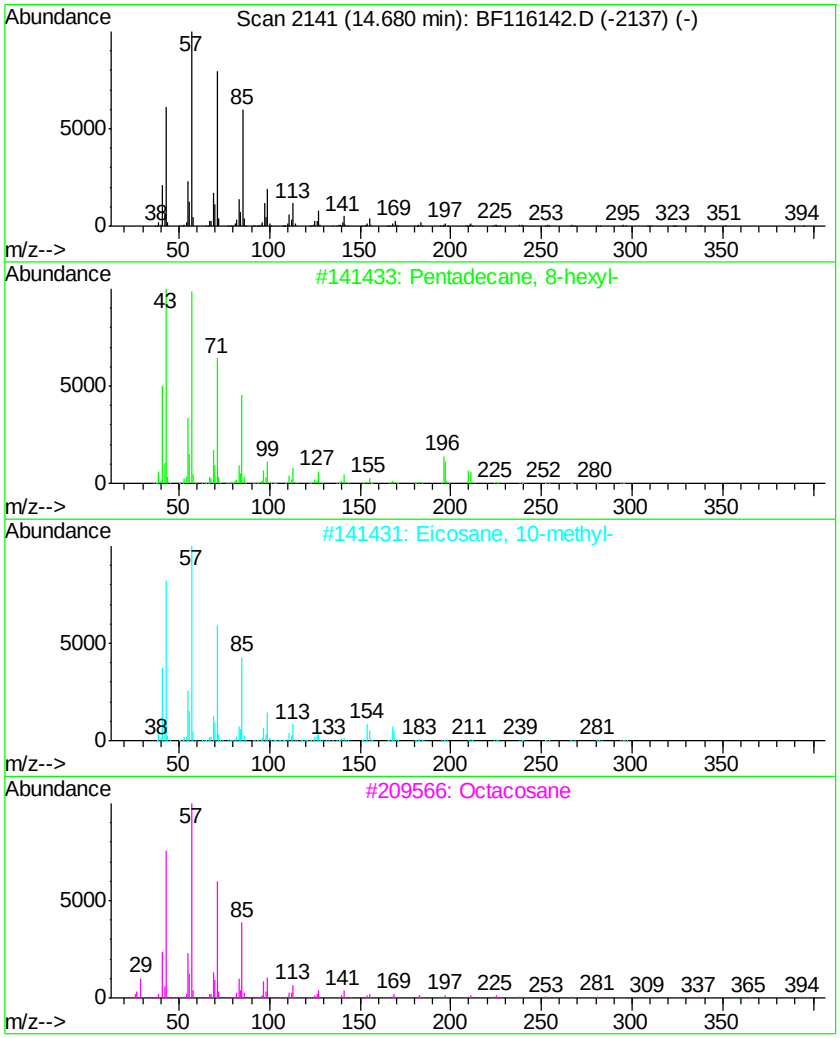
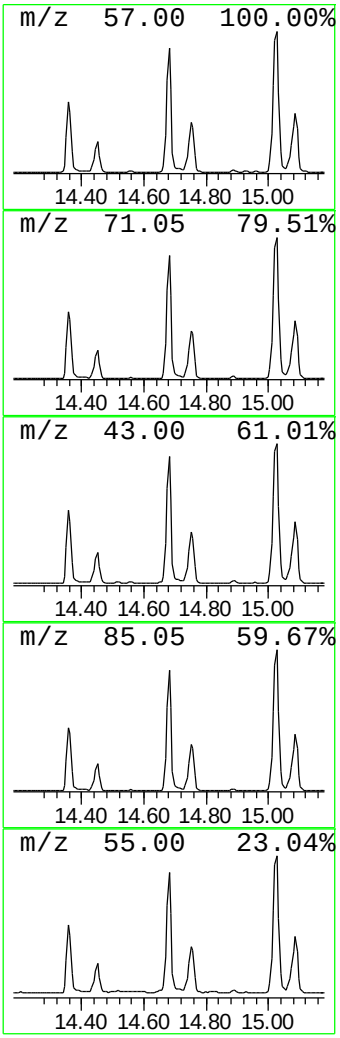
Peak Number 12 Pentadecane, 8-hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.68	54.97 ng	2939900	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3	Octacosane	394	C28H58	000630-02-4	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Operator : HP/JU
Sample : K4254-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RECOVERED-CRSH-AGGREGATE-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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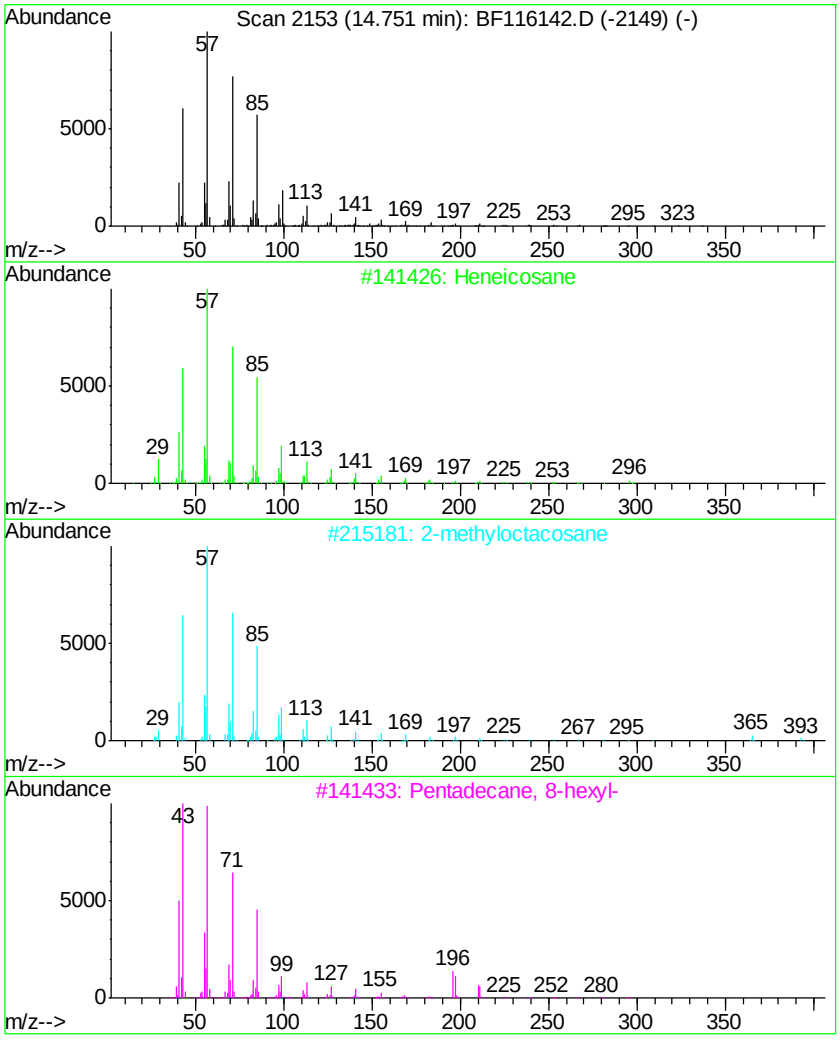
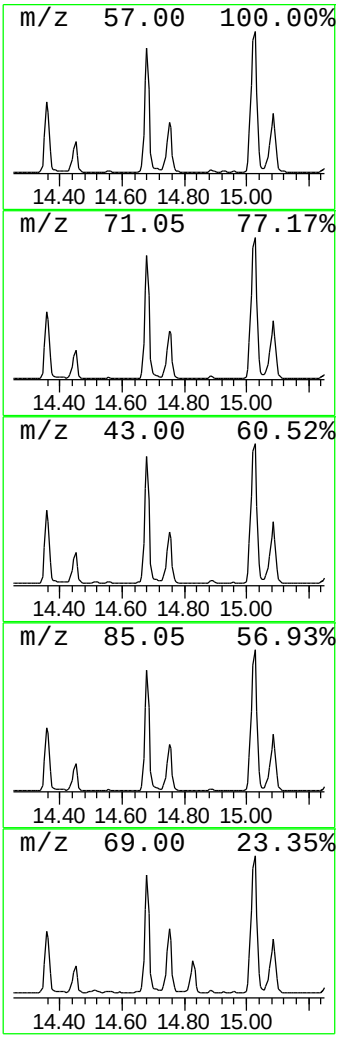
Peak Number 13 2-methyloctacosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.75	10.10 ng	1345120	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Octadecane	254	C18H38	000593-45-3	87





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Operator : HP/JU
Sample : K4254-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RECOVERED-CRSH-AGGREGATE-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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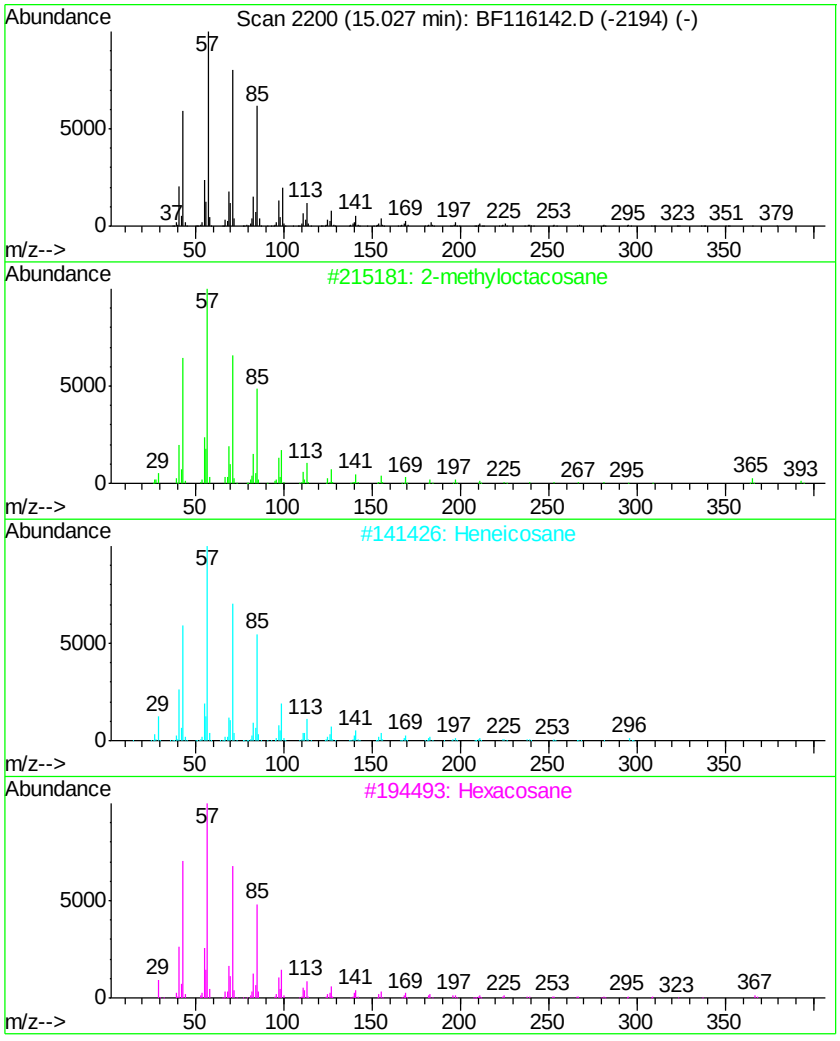
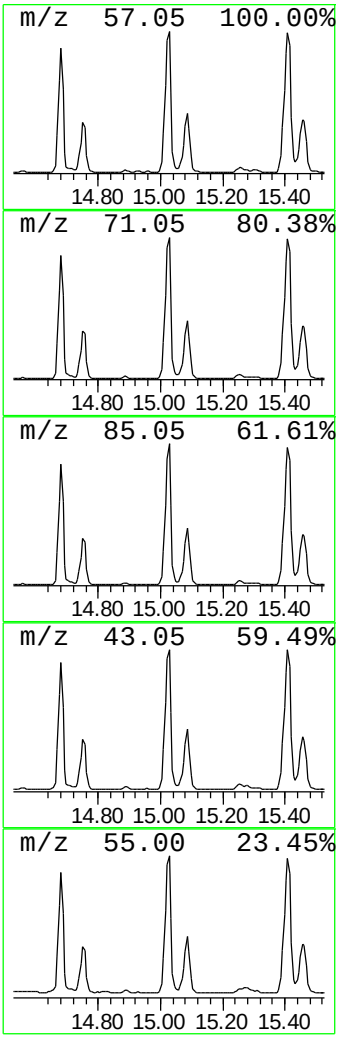
Peak Number 14 Heptadecane, 9-octyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	31.27 ng	4164210	Perylene-d12	15.47

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	Hexacosane	366	C26H54	000630-01-3	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RECOVERED-CRSH-AGGREGATE-

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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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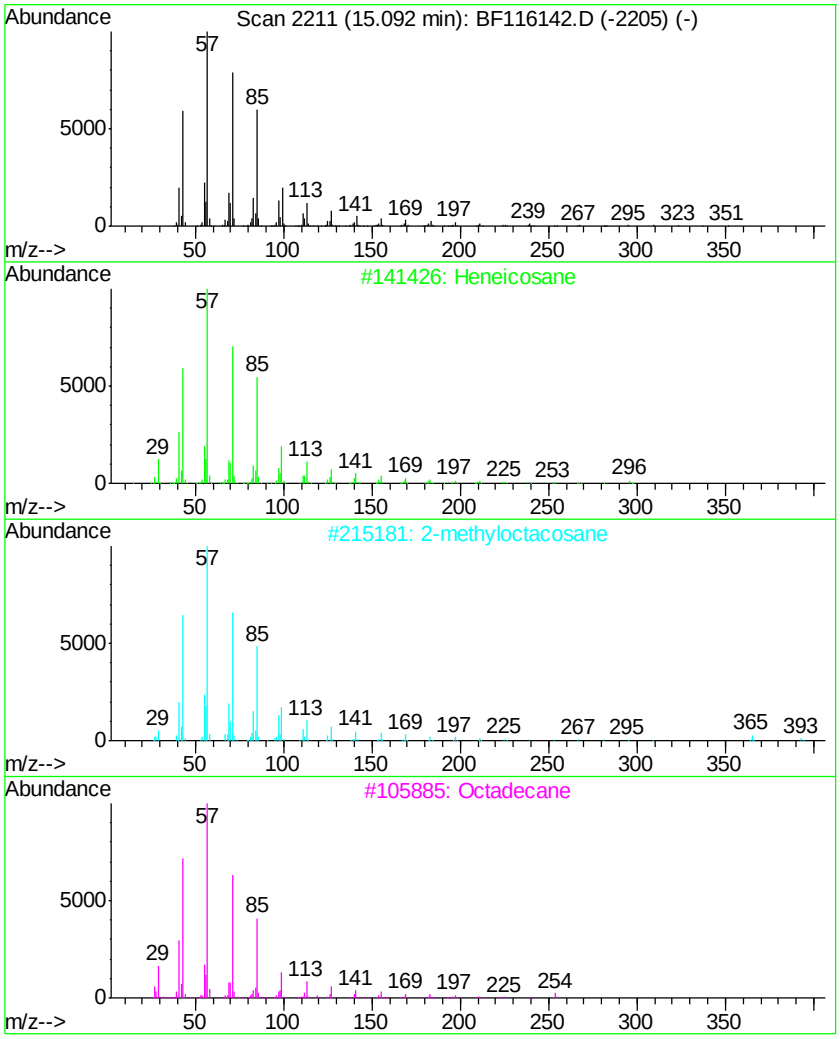
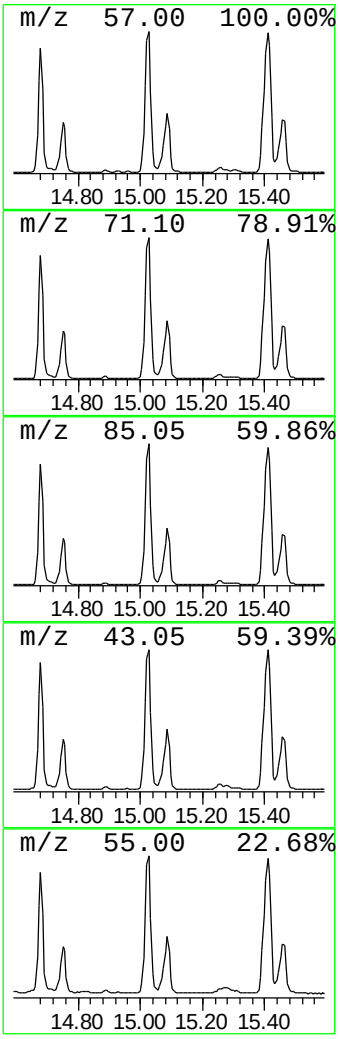
Peak Number 15 Octadecane, 1-iodo- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	13.06 ng	1738910	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Octadecane	254	C18H38	000593-45-3	87
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5	Hexadecane	226	C16H34	000544-76-3	80





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Operator : HP/JU
Sample : K4254-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RECOVERED-CRSH-AGGREGATE-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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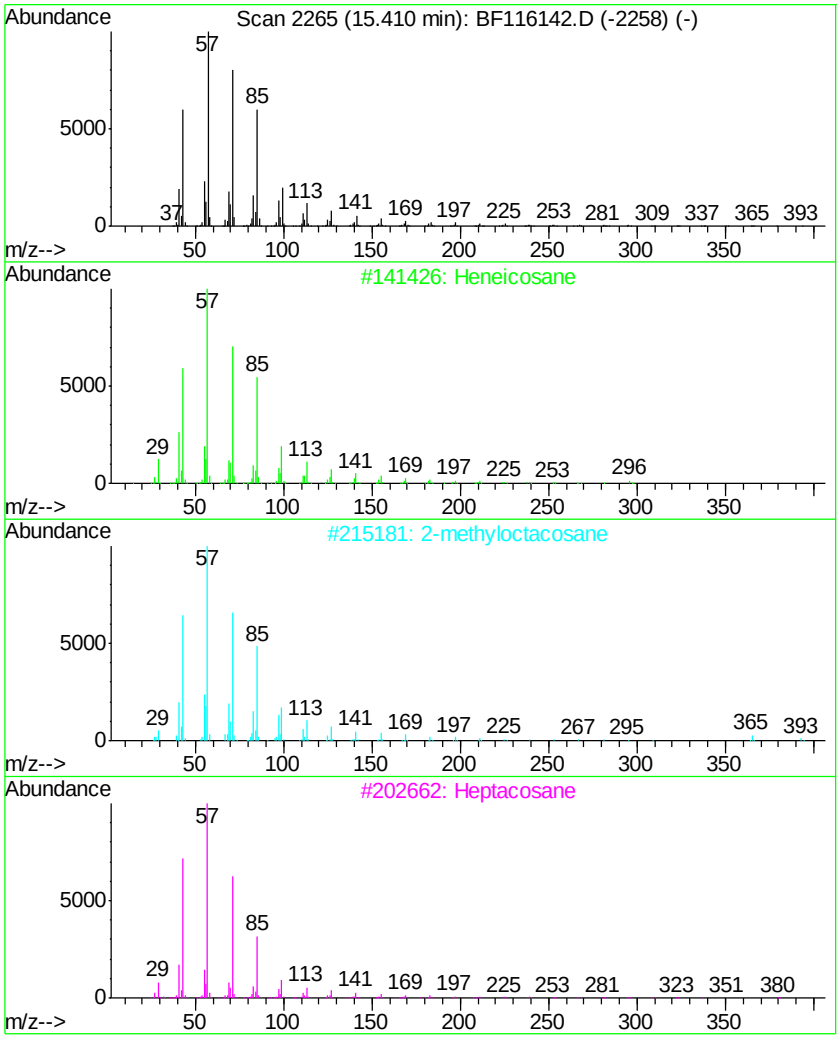
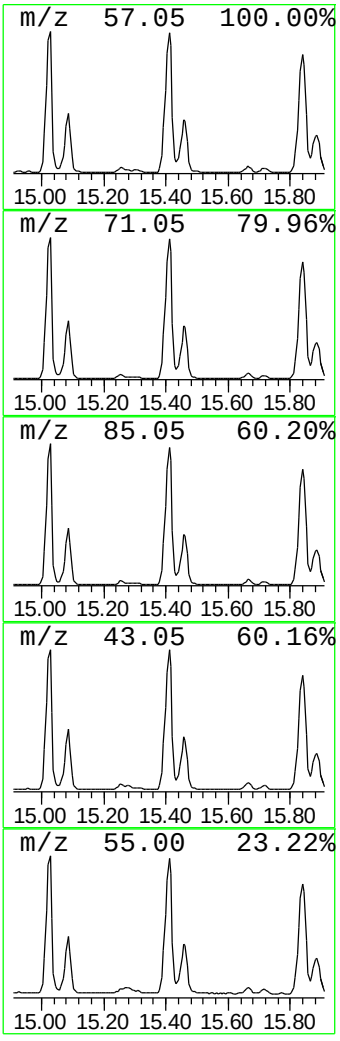
Peak Number 16 Eicosane, 7-hexyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.41	37.02 ng	4929960	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heptacosane	380	C27H56	000593-49-7	91
4	Hexacosane	366	C26H54	000630-01-3	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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Operator : HP/JU
Sample : K4254-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RECOVERED-CRSH-AGGREGATE-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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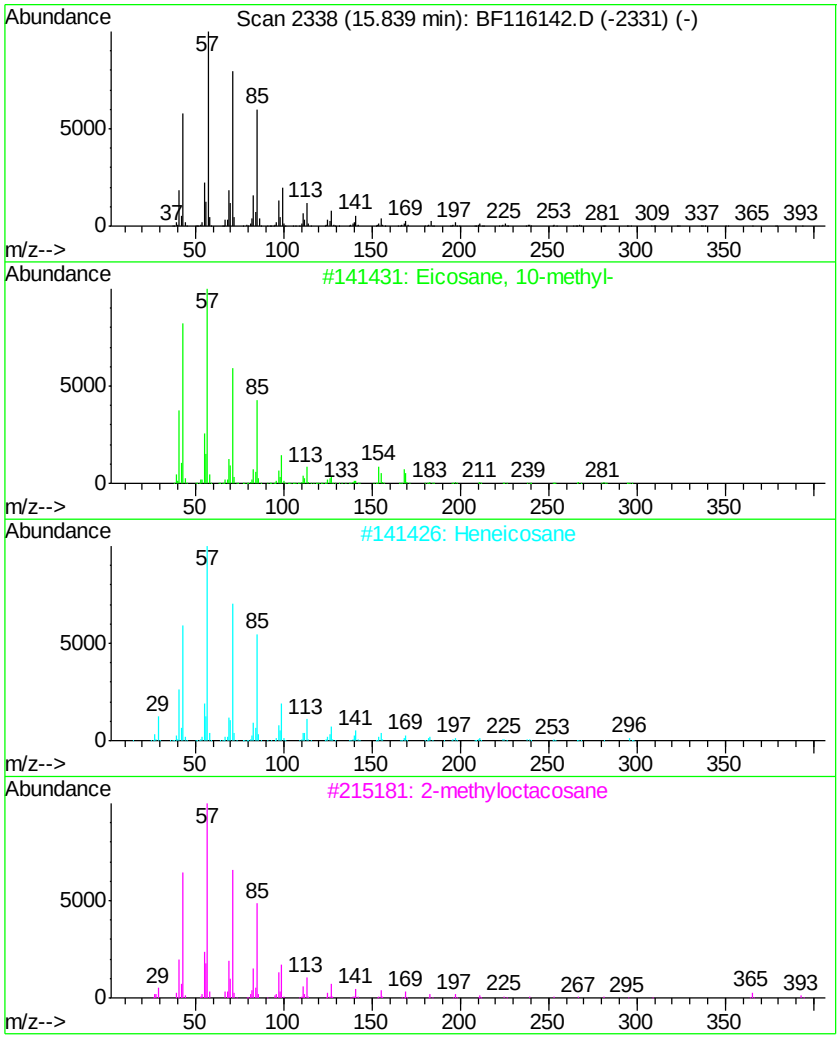
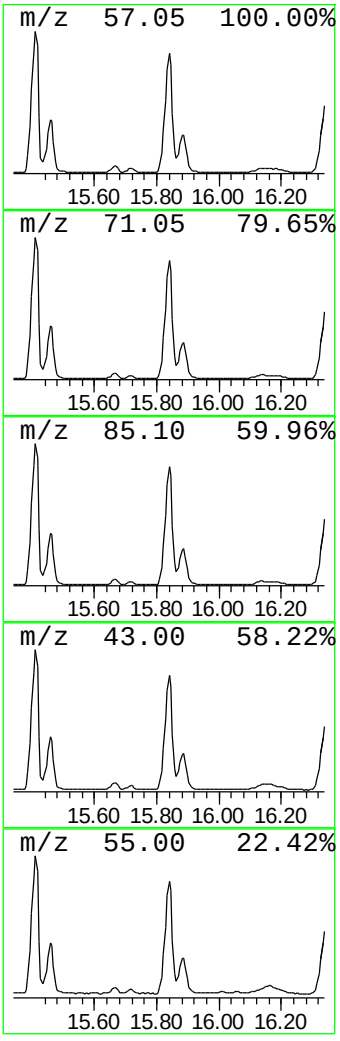
Peak Number 17 Eicosane, 10-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	33.74 ng	4492660	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Hexacosane	366	C26H54	000630-01-3	90





Library Search Compound Report

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Data File : BF116142.D
Acq On : 10 Aug 2019 11:22
Operator : HP/JU
Sample : K4254-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RECOVERED-CRSH-AGGREGATE-

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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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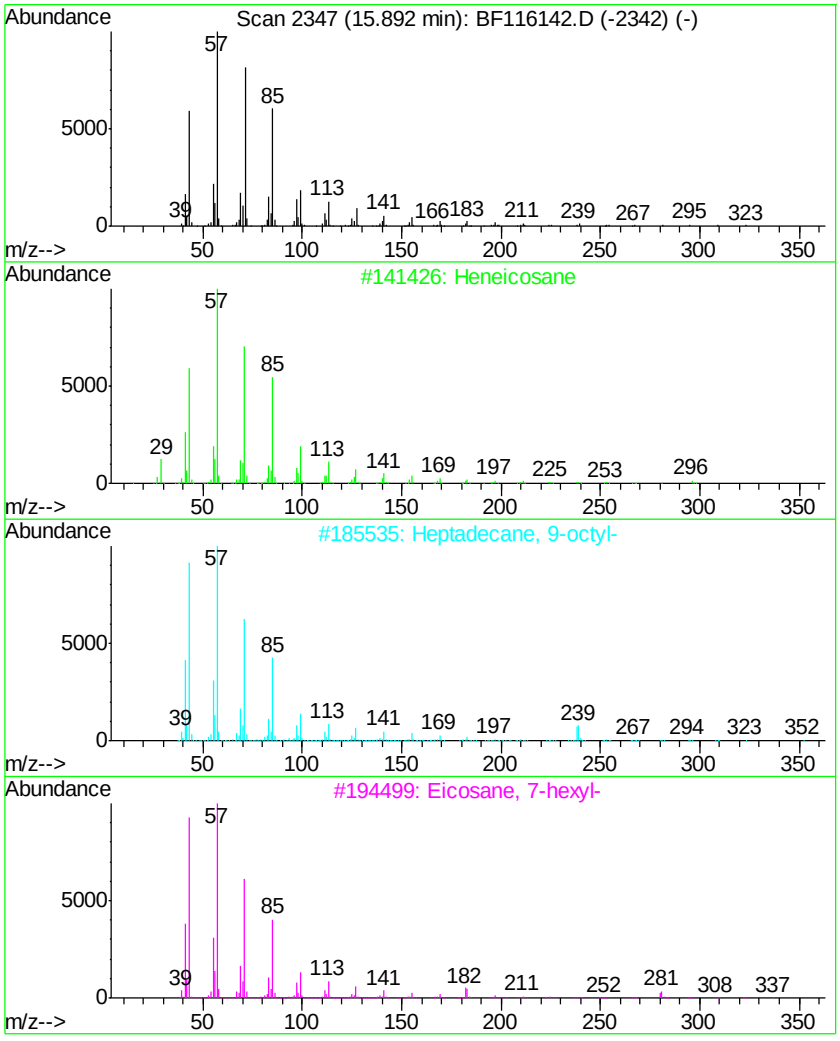
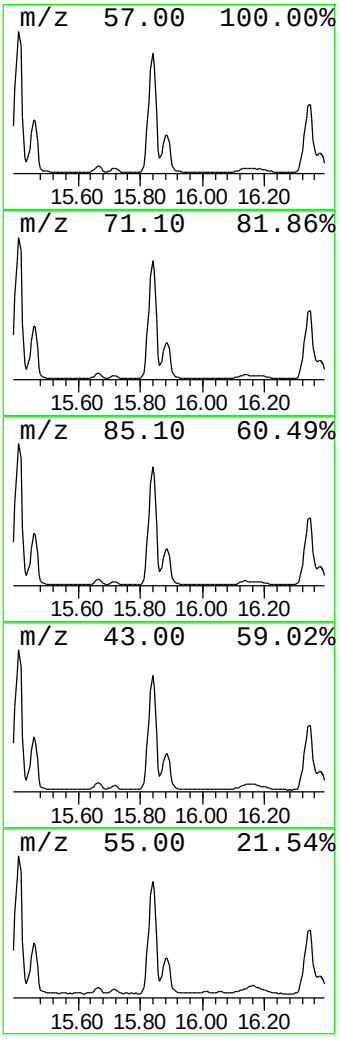
Peak Number 18 Eicosane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	10.61 ng	1413260	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
3	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
4	Hexacosane	366	C26H54	000630-01-3	87
5	Eicosane, 2-methyl-	296	C21H44	001560-84-5	80





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Operator : HP/JU
Sample : K4254-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RECOVERED-CRSH-AGGREGATE-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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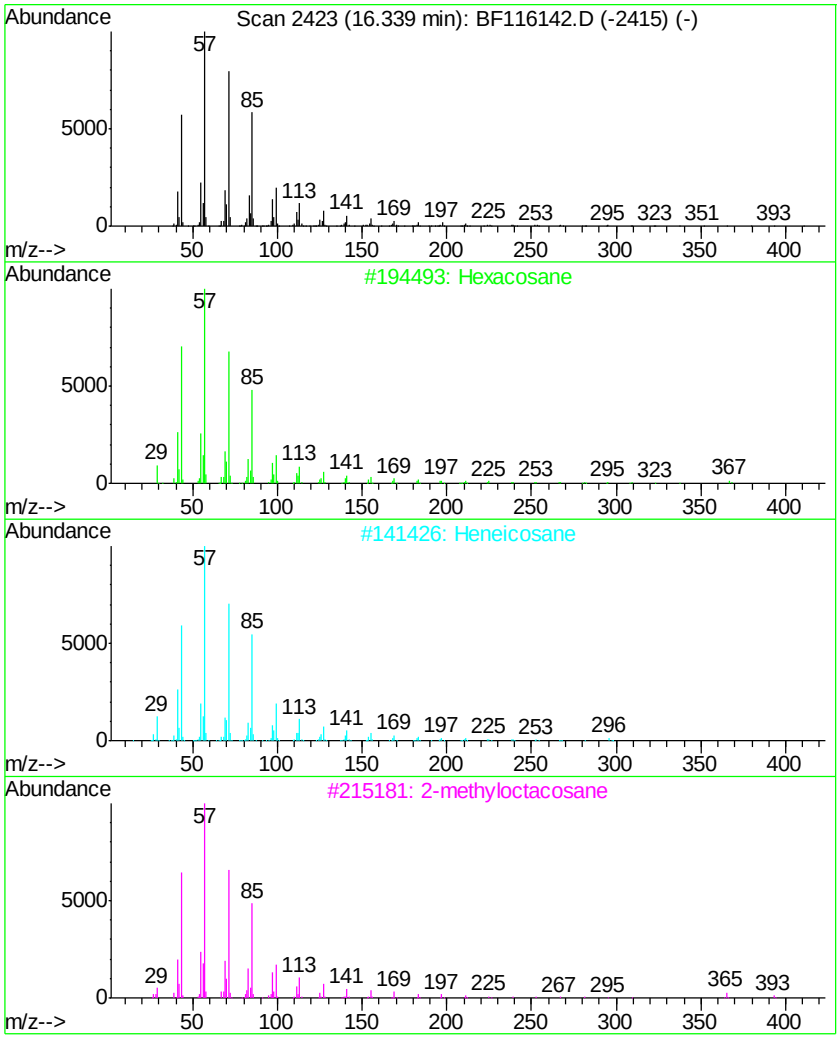
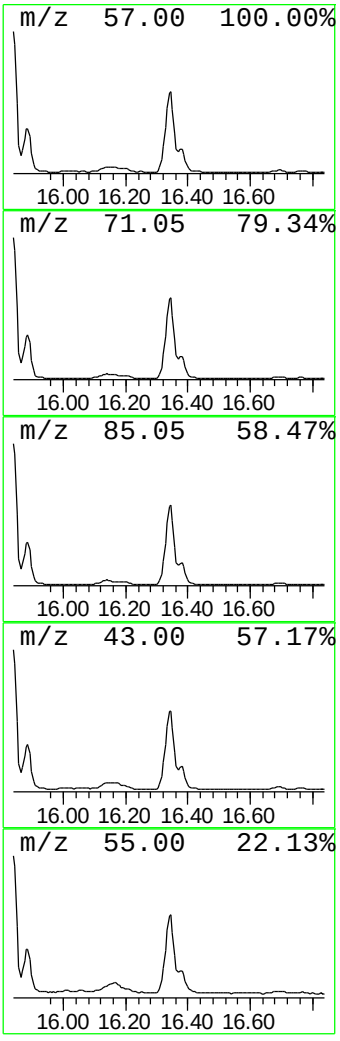
Peak Number 19 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	23.25 ng	3096730	Perylene-d12	15.47

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	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5	Heptacosane	380	C27H56	000593-49-7	91





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Sample : K4254-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RECOVERED-CRSH-AGGREGATE-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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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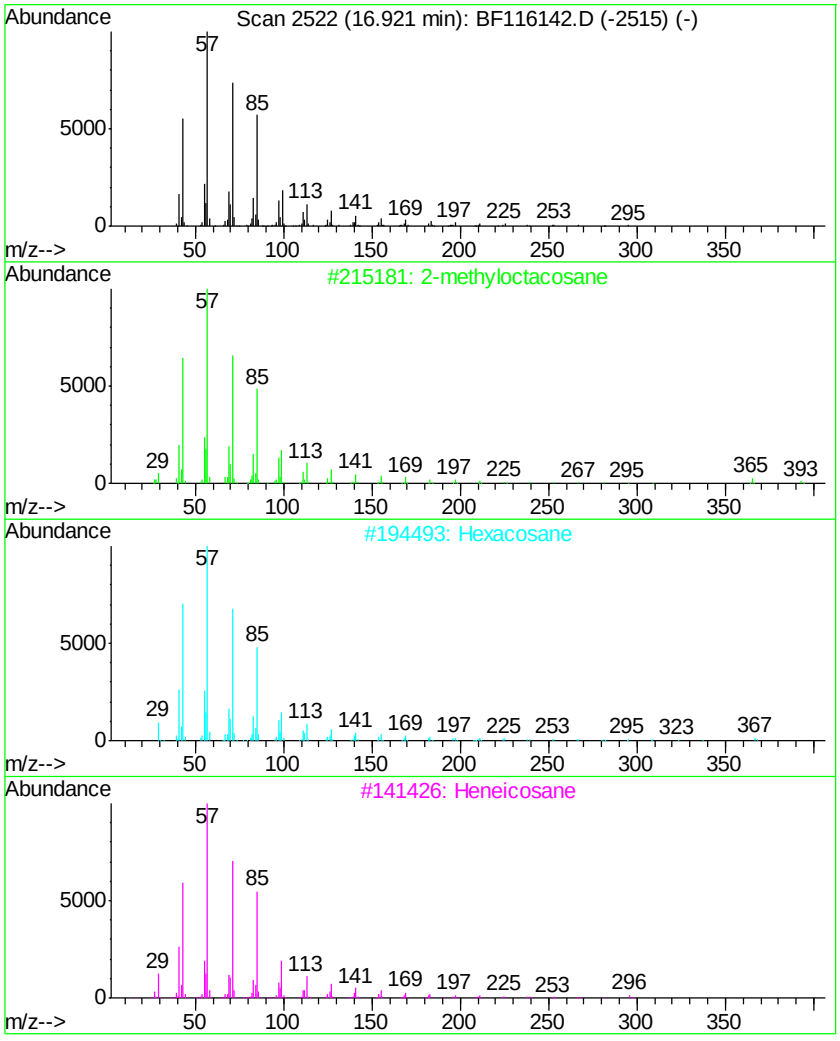
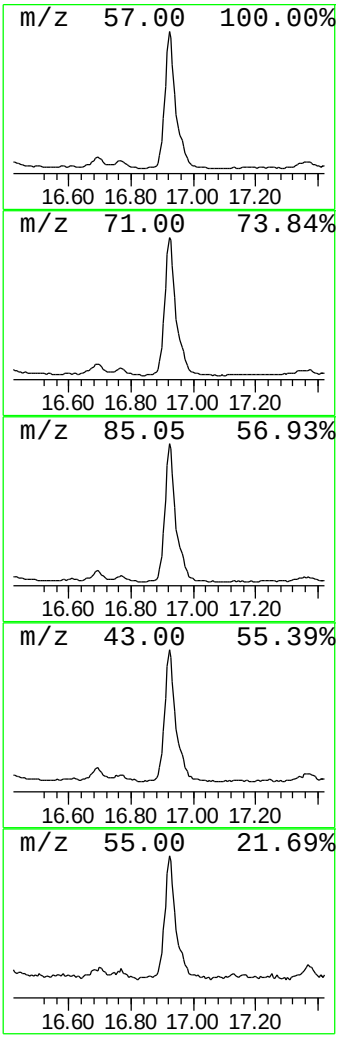
Peak Number 20 Tetratetracontane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.92	10.21 ng	1359000	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Tetratetracontane	619	C44H90	007098-22-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

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Data File : BF116142.D
Acq On : 10 Aug 2019 11:22
Operator : HP/JU
Sample : K4254-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RECOVERED-CRSH-AGGREGATE-

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073019.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...	2.12	59.7	ng	2301850	1	6.84	770960	20.0
unknown6.61	6.61	88.1	ng	3397340	1	6.84	770960	20.0
n-Hexadecanoic acid	11.06	87.7	ng	5656160	4	11.36	1289830	20.0
Tridecanoic acid	11.85	16.3	ng	1048780	4	11.36	1289830	20.0
Pentadecanoic acid	11.90	111.6	ng	7193790	4	11.36	1289830	20.0
Octadecanoic acid	12.22	89.2	ng	5753440	4	11.36	1289830	20.0
9,12-Octadecadien...	12.58	14.7	ng	949478	4	11.36	1289830	20.0
unknown12.67	12.67	114.1	ng	7357890	4	11.36	1289830	20.0
Heneicosane	14.36	29.8	ng	1595040	5	14.00	1069660	20.0
Hexacosane	14.45	13.5	ng	721898	5	14.00	1069660	20.0
Pentadecane, 8-he...	14.68	55.0	ng	2939900	5	14.00	1069660	20.0
2-methyloctacosane	14.75	10.1	ng	1345120	6	15.47	2663360	20.0
Heptadecane, 9-oc...	15.03	31.3	ng	4164210	6	15.47	2663360	20.0
Octadecane, 1-iodo-	15.09	13.1	ng	1738910	6	15.47	2663360	20.0
Eicosane, 7-hexyl-	15.41	37.0	ng	4929960	6	15.47	2663360	20.0
Eicosane, 10-methyl-	15.84	33.7	ng	4492660	6	15.47	2663360	20.0
Eicosane, 2-methyl-	15.89	10.6	ng	1413260	6	15.47	2663360	20.0
Heptacosane	16.34	23.3	ng	3096730	6	15.47	2663360	20.0
Tetratetracontane	16.92	10.2	ng	1359000	6	15.47	2663360	20.0