LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
Data File : BF115984.D
Acq On : 5 Aug 2019 17:21
Operator : HP/JU
Sample : K4156-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3380

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	2.134	3	8	23	rVB	770582	1107260	8.15%	0.874%
2	4.598	408	427	428	rBV	2659493	9540113	70.22%	7.528%
3	4.998	493	495	498	rVB	3324680	1704221	12.54%	1.345%
4	5.475	572	576	595	rBV	1315022	2202242	16.21%	1.738%
5	5.604	595	598	607	rVB	157639	245925	1.81%	0.194%
6	6.151	688	691	694	rVB	249372	167346	1.23%	0.132%
7	6.481	742	747	750	rBV	2904961	3067895	22.58%	2.421%
8	6.616	766	770	777	rBV	3356596	3208672	23.62%	2.532%
9	6.845	805	809	815	rBV	858180	806048	5.93%	0.636%
10	6.998	831	835	839	rBV	2569940	2340473	17.23%	1.847%
11	7.404	899	904	907	rBV	2106316	2030645	14.95%	1.602%
12	8.122	1022	1026	1033	rBV	1101353	1004156	7.39%	0.792%
13	9.198	1204	1209	1212	rBV	3361659	3105985	22.86%	2.451%
14	9.592	1272	1276	1280	rBV	164163	155626	1.15%	0.123%
15	9.875	1320	1324	1328	rBV	1311545	1221065	8.99%	0.964%
16	10.669	1455	1459	1473	rBV	2192500	2211431	16.28%	1.745%
17	11.327	1552	1571	1574	rBV	4101444	13586951	100.00%	10.721%
18	11.363	1574	1577	1587	rVB	1651966	1964226	14.46%	1.550%
19	11.751	1639	1643	1648	rVB	145599	171318	1.26%	0.135%
20	11.851	1656	1660	1662	rBV2	217992	313416	2.31%	0.247%
21	11.898	1662	1668	1695	rVB	2961785	5731417	42.18%	4.523%
22	12.233	1722	1725	1727	rBV	227847	288734	2.13%	0.228%
23	12.263	1727	1730	1743	rVB3	225185	475850	3.50%	0.375%
24	12.416	1744	1756	1768	rBV	4706712	13086423	96.32%	10.326%
25	12.580	1780	1784	1794	rBV4	298826	747835	5.50%	0.590%
26	12.686	1795	1802	1820	rVB	3922580	7349707	54.09%	5.800%
27	12.945	1842	1846	1850	rBV	3231458	3172654	23.35%	2.503%
28	13.745	1979	1982	1987	rVB	1008494	930328	6.85%	0.734%
29	13.880	2000	2005	2017	rVB4	186909	419252	3.09%	0.331%
30	14.004	2022	2026	2036	rVB	1318161	1306565	9.62%	1.031%
31	14.092	2037	2041	2048	rBV	917865	870307	6.41%	0.687%
32	14.157	2048	2052	2056	rVB	316458	311969	2.30%	0.246%
33	14.415	2092	2096	2100	rBV	2222843	2107837	15.51%	1.663%
34	14.462	2100	2104	2111	rVB	678562	725286	5.34%	0.572%

LSC Area Percent Report

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Operator : HP/JU
Sample : K4156-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3380

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	14.733	2145	2150	2153	rBV	3632601	3911567	28.79%	3.087%
36	14.768	2153	2156	2159	rVV	1081372	1133010	8.34%	0.894%
37	15.074	2200	2208	2211	rBV	4063700	5971613	43.95%	4.712%
38	15.098	2211	2212	2219	rVB	1268394	1092682	8.04%	0.862%
39	15.298	2242	2246	2248	rBV2	158607	219838	1.62%	0.173%
40	15.321	2248	2250	2261	rVB2	231997	381364	2.81%	0.301%
41	15.462	2267	2274	2298	rVB2	4519674	8658601	63.73%	6.832%
42	15.715	2312	2317	2323	rBV	190463	296180	2.18%	0.234%
43	15.768	2323	2326	2334	rVB	102267	163893	1.21%	0.129%
44	15.898	2339	2348	2364	rBV	3760058	7488595	55.12%	5.909%
45	16.192	2389	2398	2399	rBV2	184670	321828	2.37%	0.254%
46	16.215	2399	2402	2418	rVB3	297880	763416	5.62%	0.602%
47	16.392	2422	2432	2451	rVB	2529293	5232132	38.51%	4.129%
48	16.962	2521	2529	2539	rBV	916845	2017856	14.85%	1.592%
49	17.409	2598	2605	2614	rVB6	65159	171987	1.27%	0.136%
50	17.527	2619	2625	2637	rVV6	52299	194153	1.43%	0.153%
51	17.645	2638	2645	2659	rVB	269625	751728	5.53%	0.593%
52	18.462	2777	2784	2797	rVB3	88016	279320	2.06%	0.220%

Sum of corrected areas: 126728941

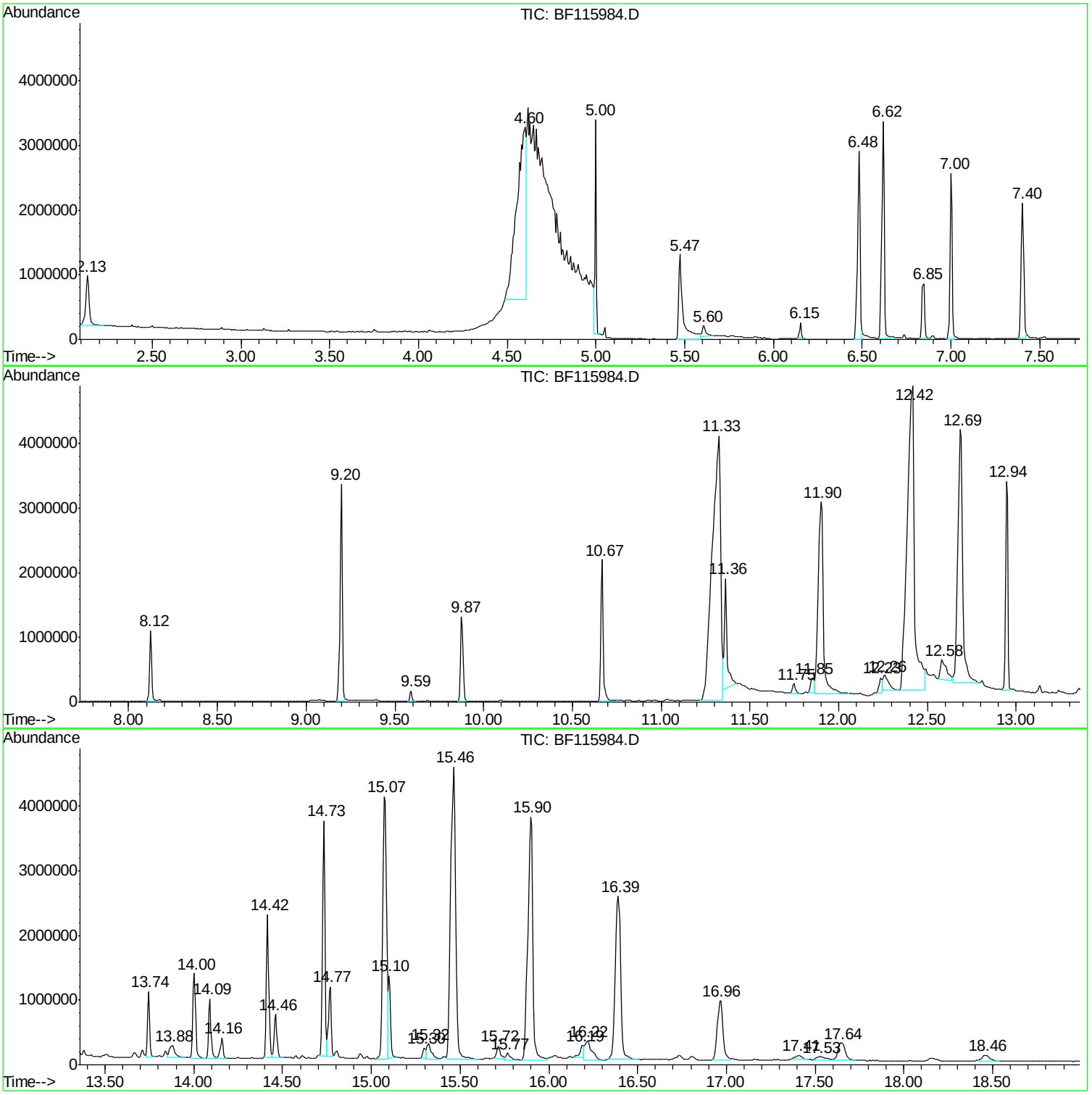
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
Data File : BF115984.D
Acq On : 5 Aug 2019 17:21
Operator : HP/JU
Sample : K4156-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3380

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\BF080519\
Data File : BF115984.D
Acq On : 5 Aug 2019 17:21
Operator : HP/JU
Sample : K4156-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3380

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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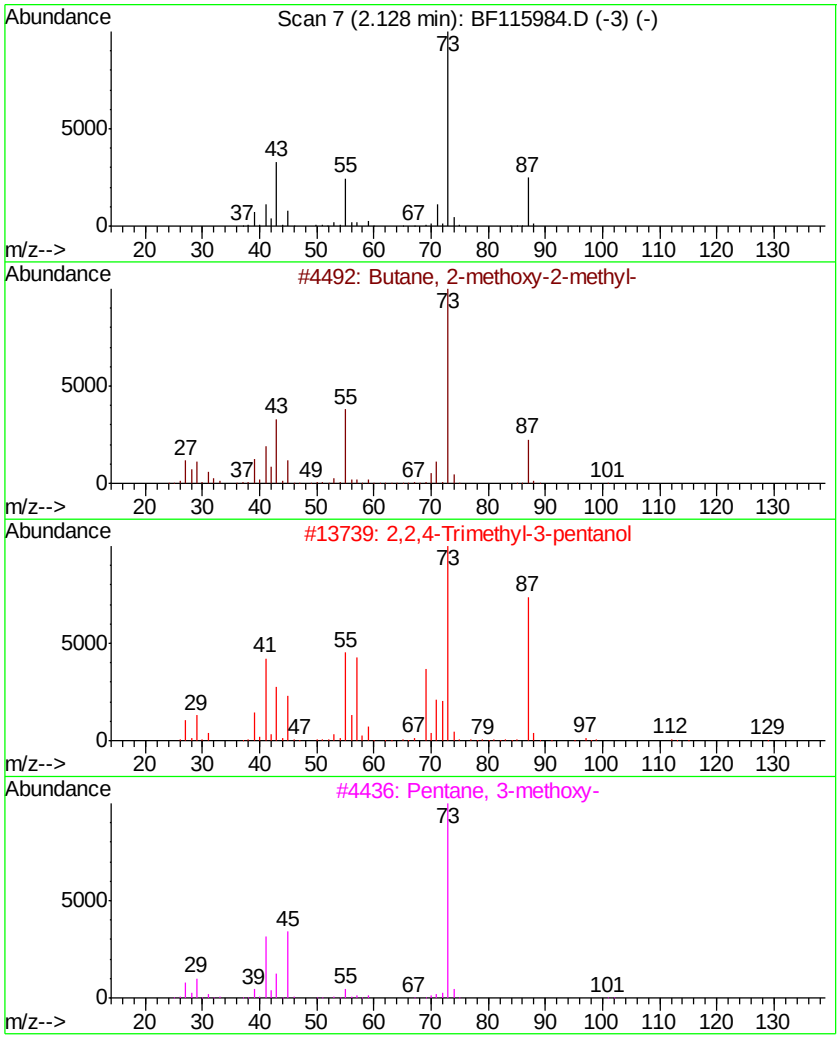
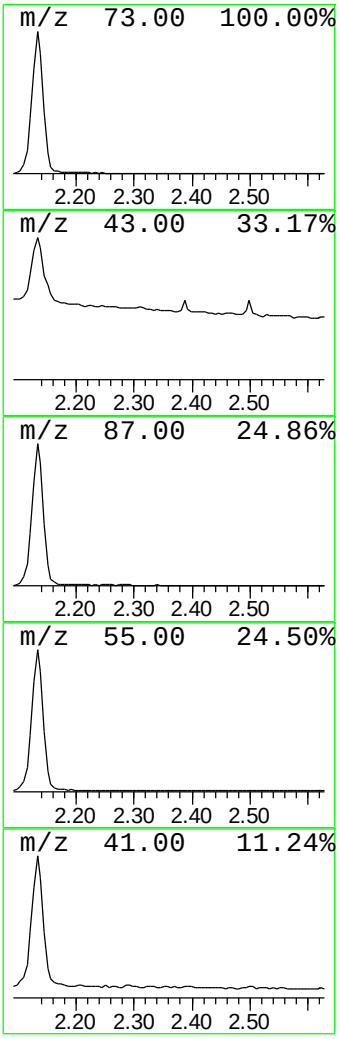
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	27.47 ng	1107260	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
Data File : BF115984.D
Acq On : 5 Aug 2019 17:21
Operator : HP/JU
Sample : K4156-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3380

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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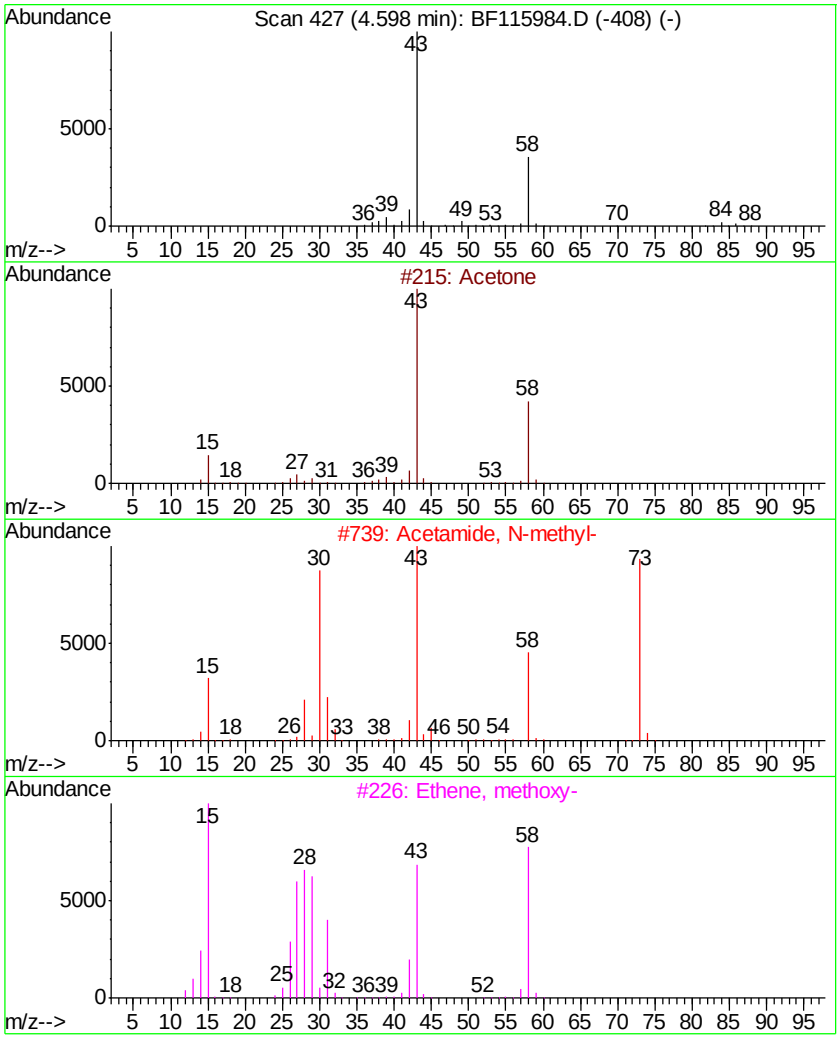
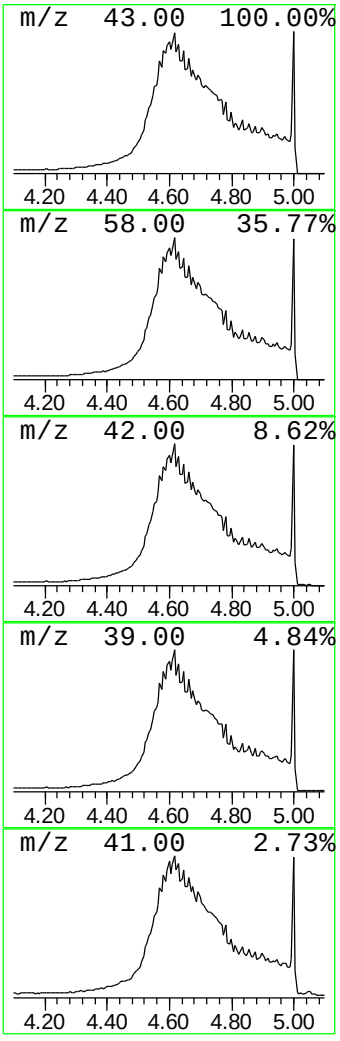
Peak Number 2 unknown4.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.60	236.71 ng	9540110	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetone	58	C3H6O	000067-64-1	72
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
3	Ethene, methoxy-	58	C3H6O	000107-25-5	4
4	Propanal	58	C3H6O	000123-38-6	4
5	Oxirane, (propoxymethyl)-	116	C6H12O2	003126-95-2	4





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
Data File : BF115984.D
Acq On : 5 Aug 2019 17:21
Operator : HP/JU
Sample : K4156-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3380

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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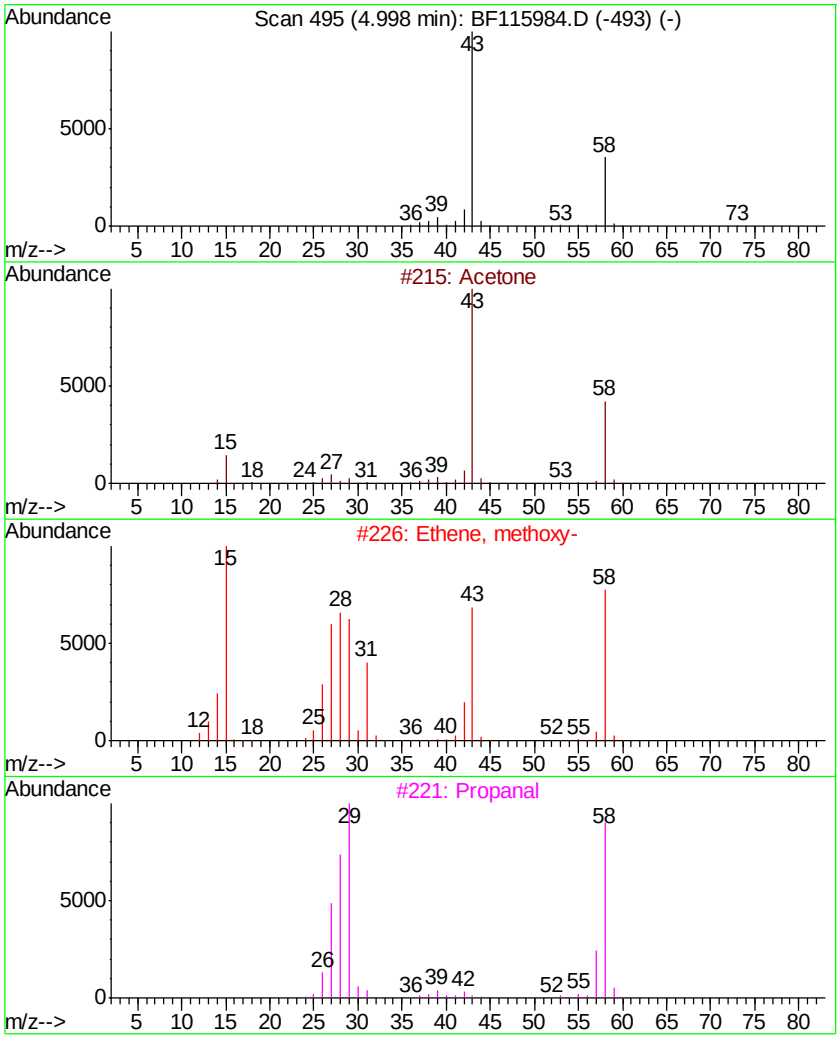
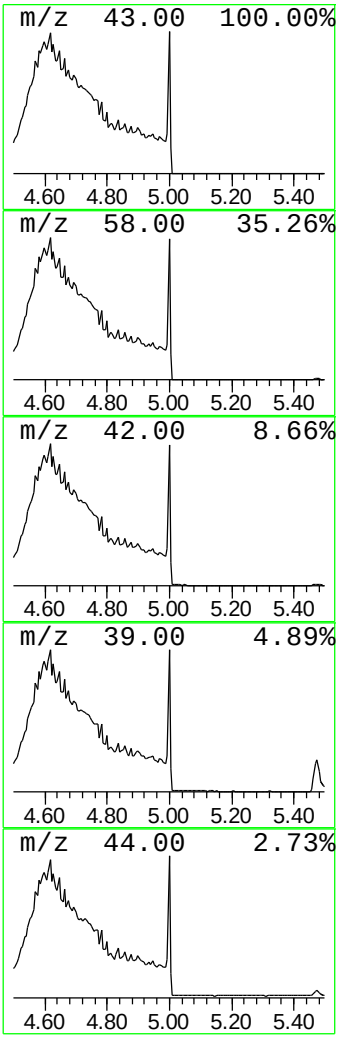
Peak Number 3 unknown5.00 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	42.29 ng	1704220	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetone	58	C3H6O	000067-64-1	80
2	Ethene, methoxy-	58	C3H6O	000107-25-5	4
3	Propanal	58	C3H6O	000123-38-6	4
4	Hydrogen azide	43	HN3	007782-79-8	4
5	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	4





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
Data File : BF115984.D
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Operator : HP/JU
Sample : K4156-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3380

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

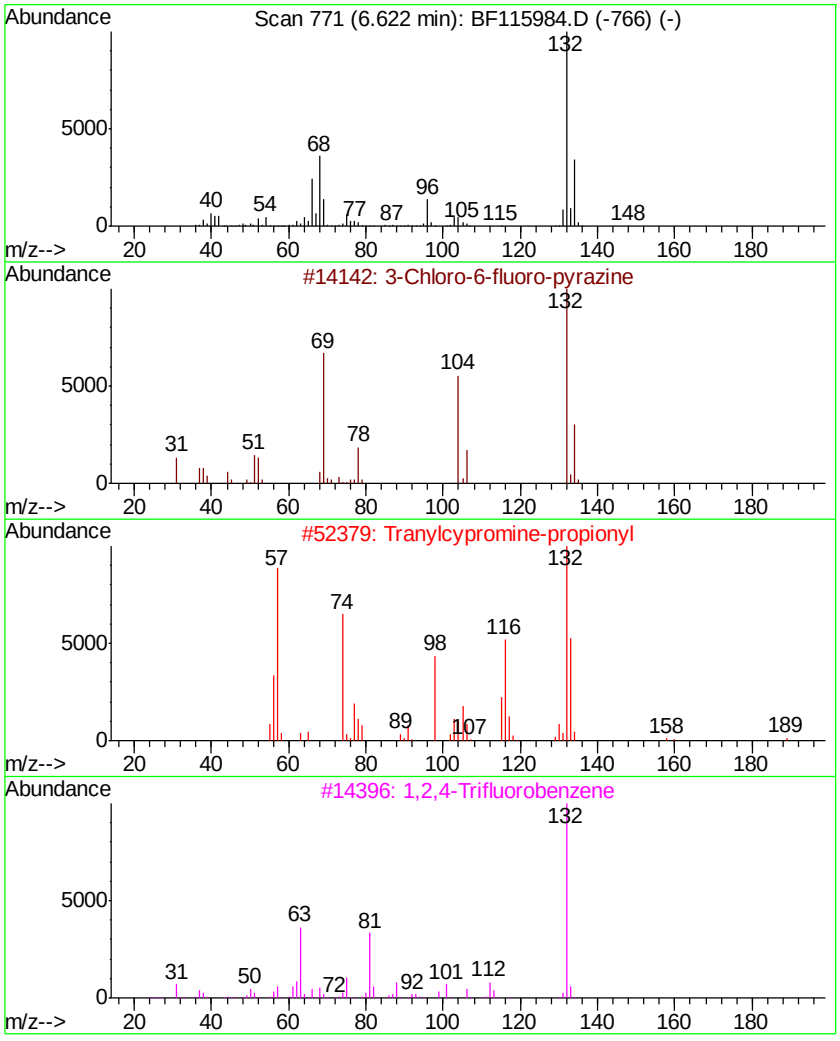
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

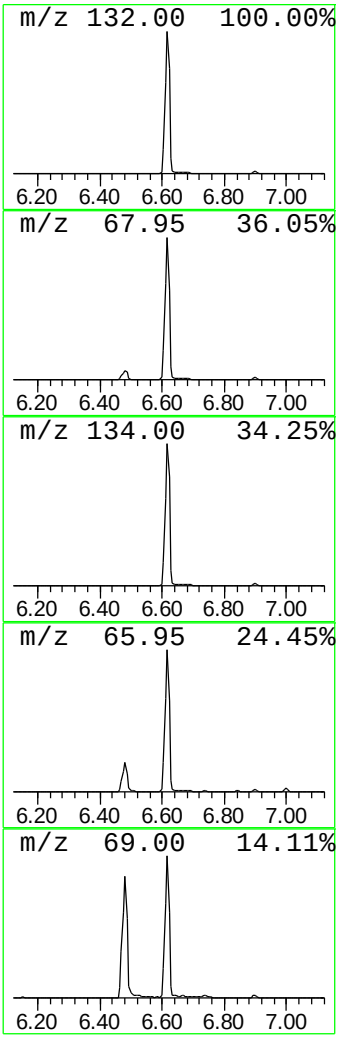
****

Peak Number 5 unknown6.62 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	79.61 ng	3208670	1,4-Dichlorobenzene-d4	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	1,2,4-Trifluorobenzene	132	C6H3F3	000367-23-7	9
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3380

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
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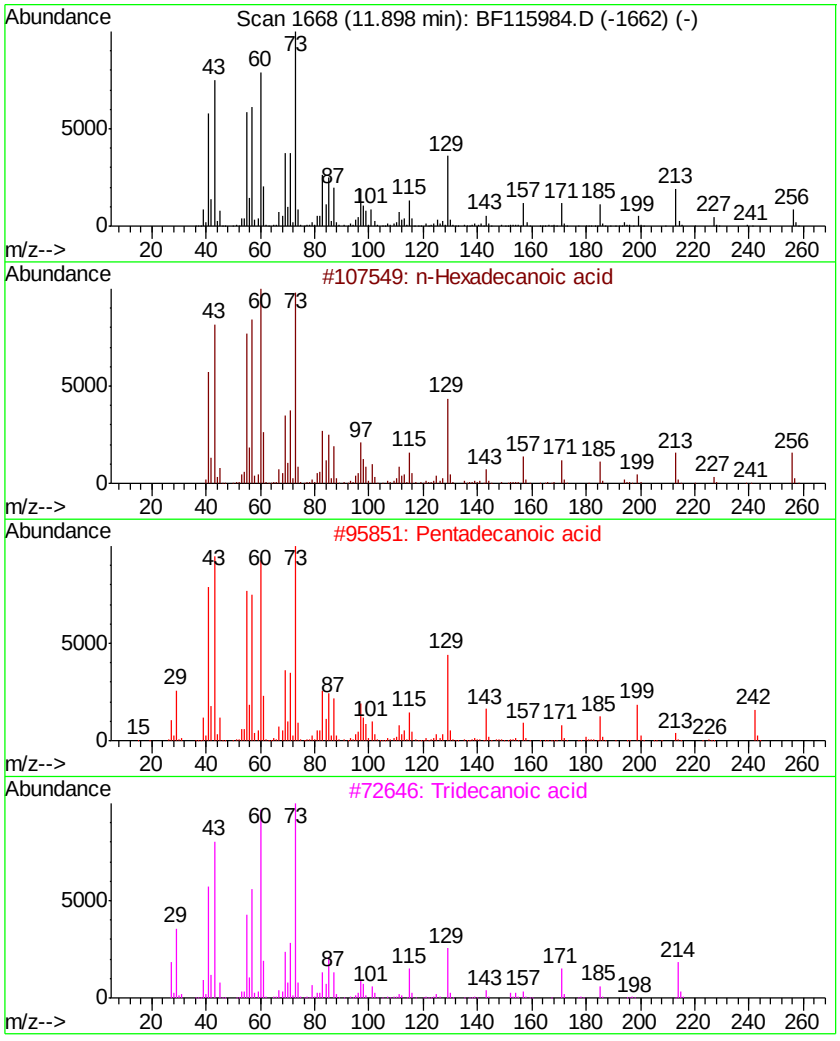
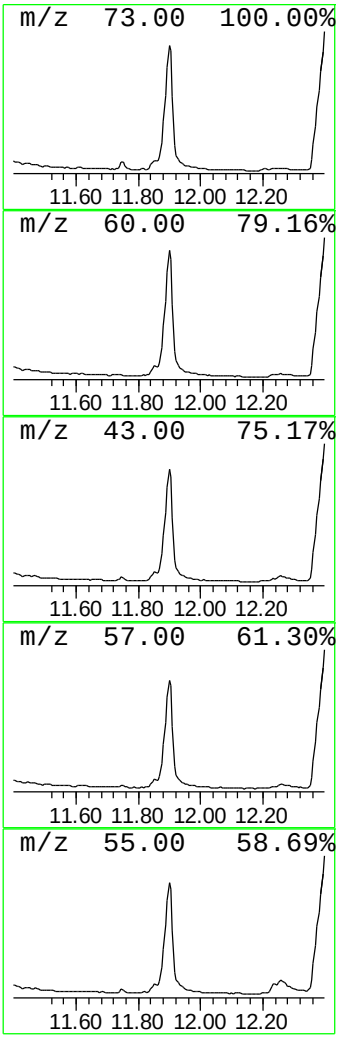
Peak Number 7 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	58.36 ng	5731420	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58





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Instrument : BNA_F
ClientSampleId : RT3380

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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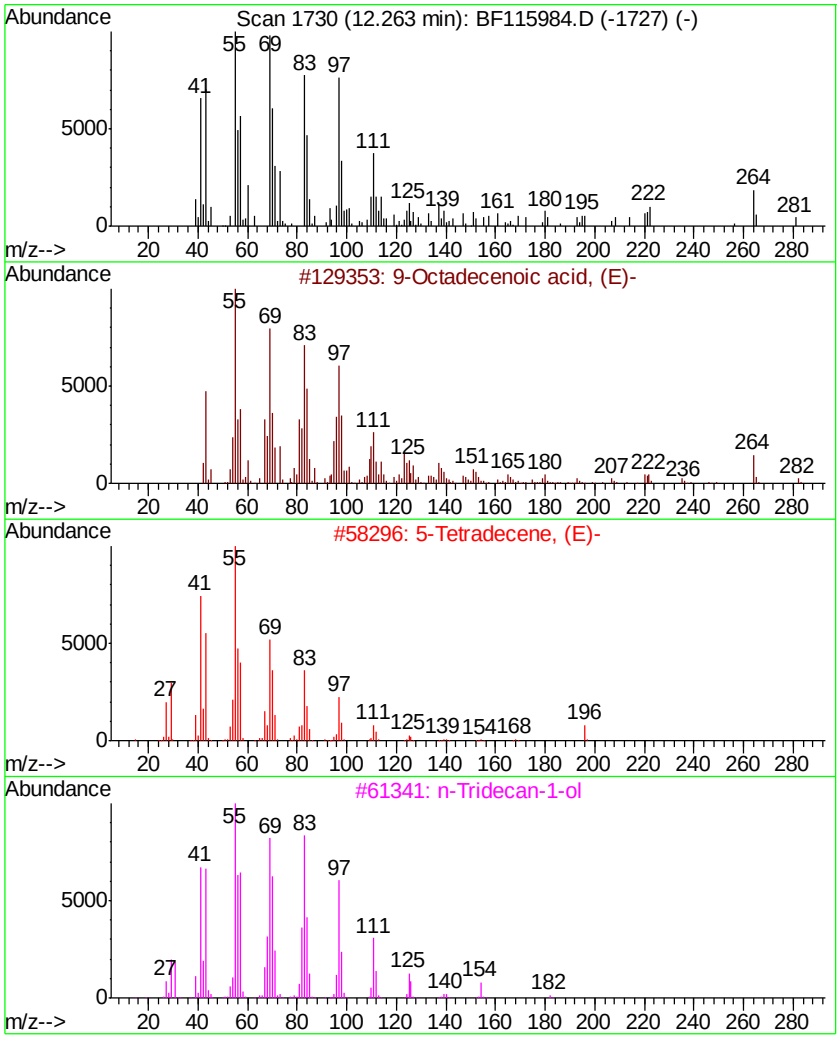
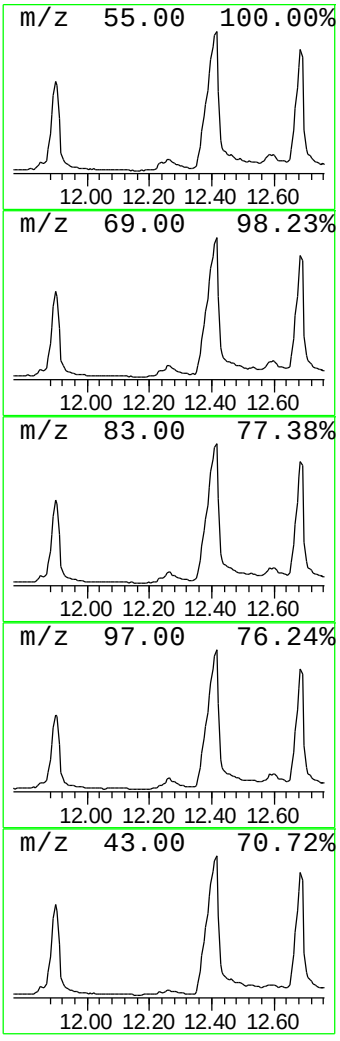
Peak Number 8 9-Octadecenoic acid, (E)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	4.85 ng	475850	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	86
2	5-Tetradecene, (E)-	196	C14H28	041446-66-6	80
3	n-Tridecan-1-ol	200	C13H28O	000112-70-9	80
4	6-Tetradecene, (E)-	196	C14H28	041446-64-4	72
5	1-Tetradecanol	214	C14H30O	000112-72-1	64





Library Search Compound Report

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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3380

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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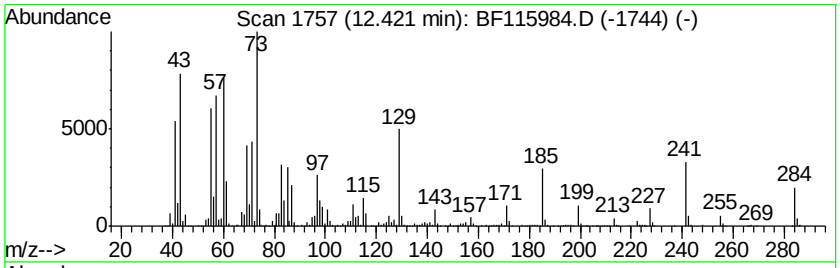
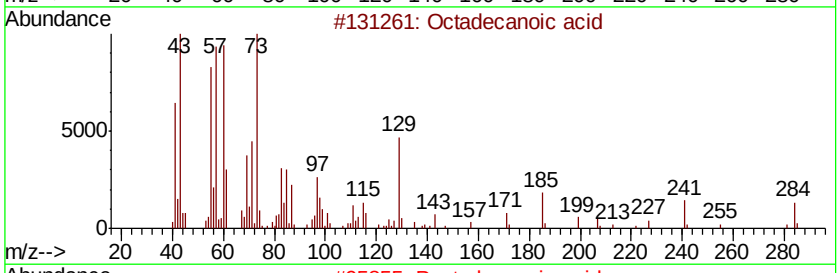
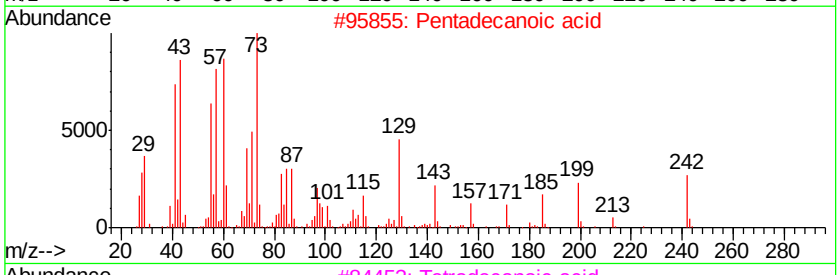
Peak Number 9 Octadecanoic acid Concentration Rank 2

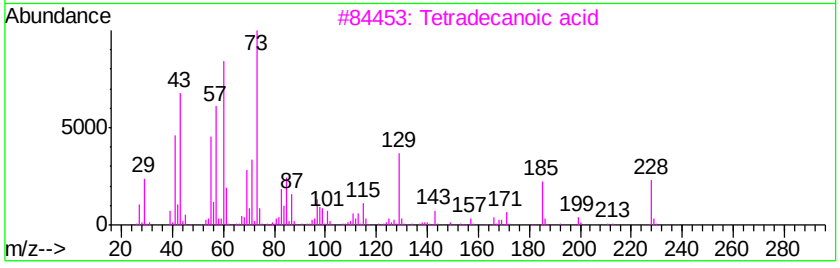
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	133.25 ng	13086400	Phenanthrene-d10	11.36

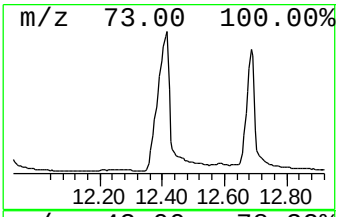
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62

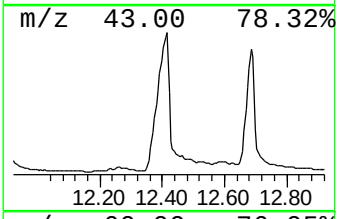


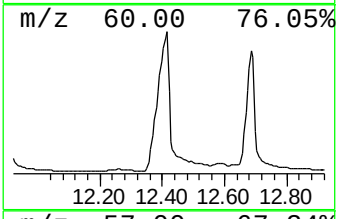


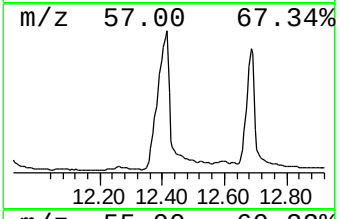


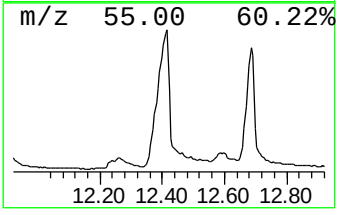












Library Search Compound Report

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Acq On : 5 Aug 2019 17:21
Operator : HP/JU
Sample : K4156-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3380

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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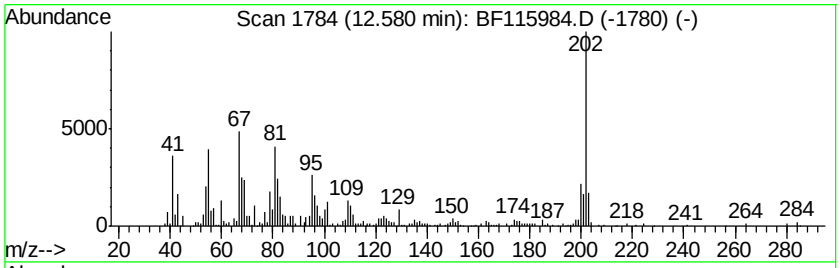
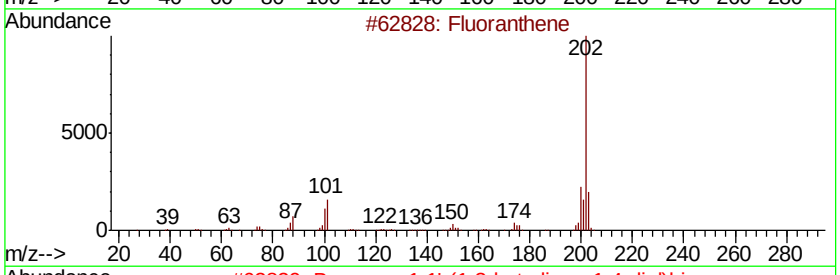
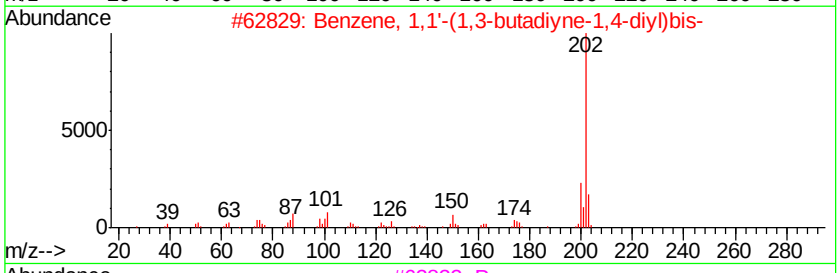
Peak Number 10 Benzene, 1,1'-(1,3-butadiyn... Concentration Rank 17

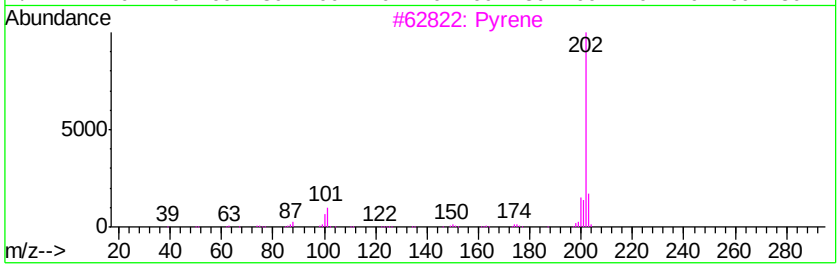
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	7.61 ng	747835	Phenanthrene-d10	11.36

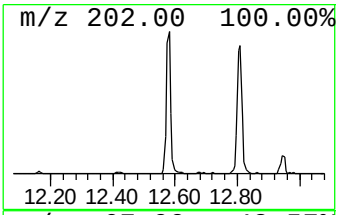
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	95
2	Benzene, 1,1'-(1,3-butadiyne-1,4...	202	C16H10	000886-66-8	64
3	Pyrene	202	C16H10	000129-00-0	50
4	Phenol, 4,4'-oxybis-	202	C12H10O3	001965-09-9	38
5	1,4-Pentadiyn-3-one, 1,5-diphenyl-	230	C17H10O	015814-30-9	38

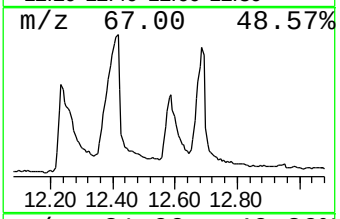


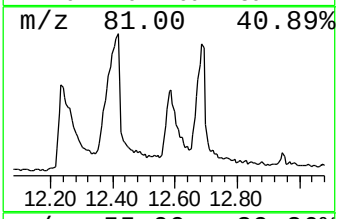


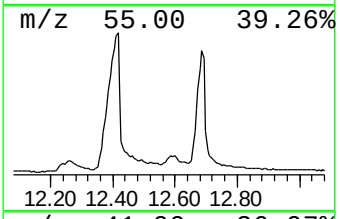


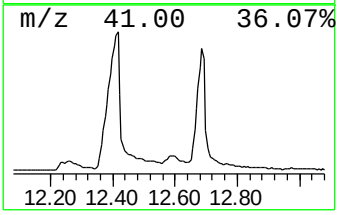












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Acq On : 5 Aug 2019 17:21
Operator : HP/JU
Sample : K4156-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3380

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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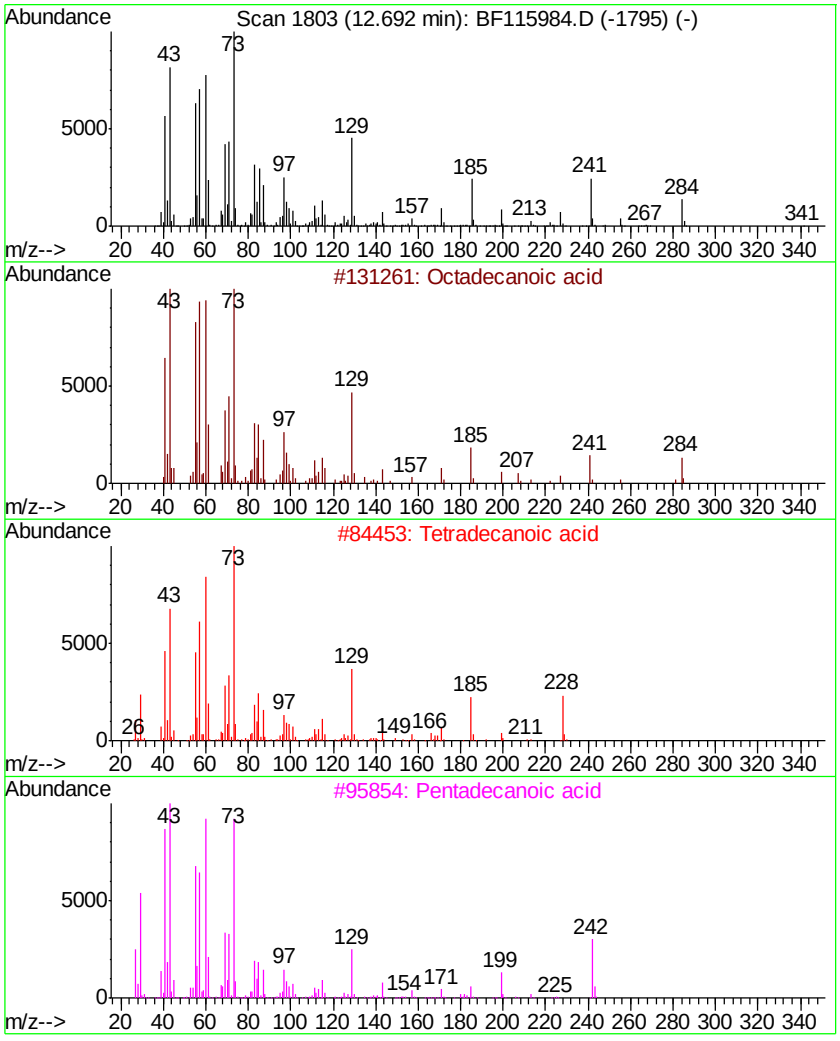
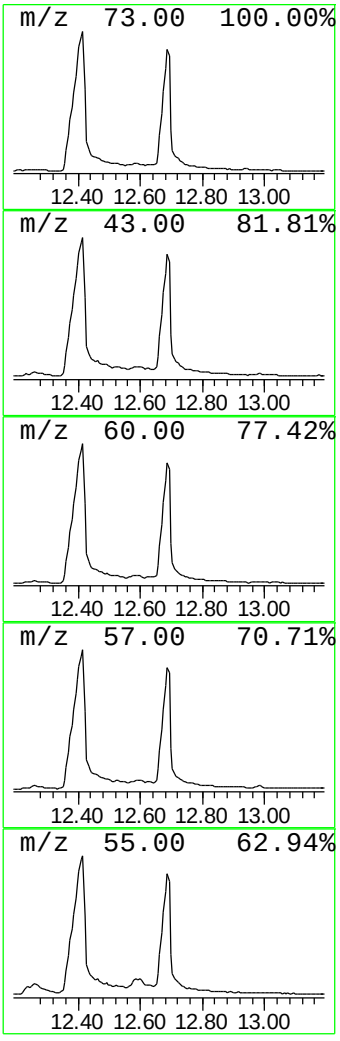
Peak Number 11 Tetradecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	112.50 ng	7349710	Chrysene-d12	14.00

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	74
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
5	Oxalic acid, allyl tetradecyl ester	326	C19H34O4	1000309-24-2	18





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Sample : K4156-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3380

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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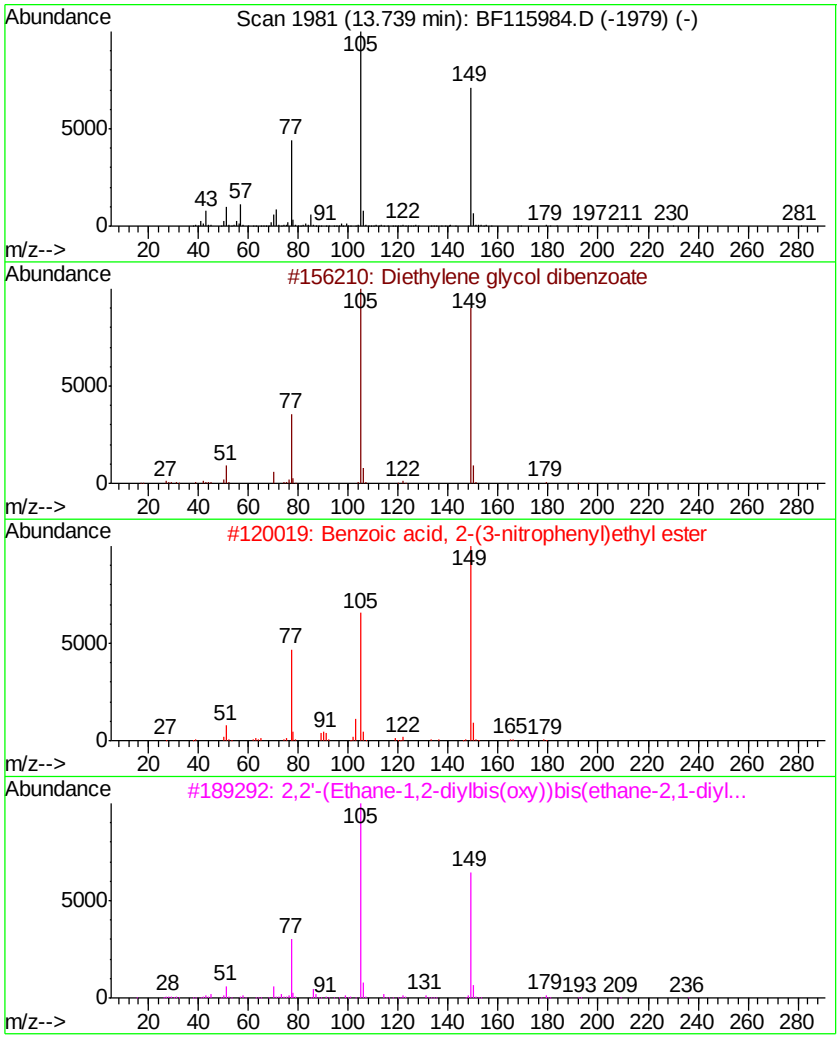
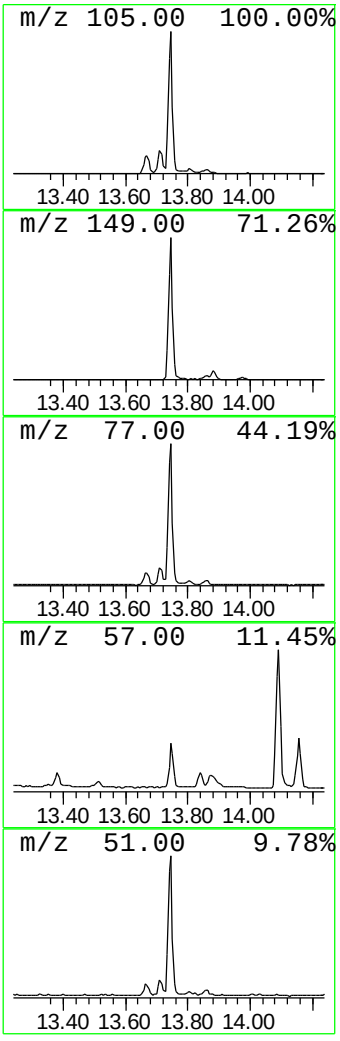
Peak Number 12 Diethylene glycol dibenzoate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	14.24 ng	930328	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	64
2	Benzoic acid, 2-(3-nitrophenyl)e...	271	C15H13NO4	1000368-22-4	59
3	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	56
4	3-Benzoylamino-2-benzyl-butyric ...	311	C19H21NO3	1000193-12-7	56
5	3,6,9,12-Tetraoxatetradecane-1,1...	446	C24H30O8	1000366-97-0	56





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Sample : K4156-07
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Instrument : BNA_F
ClientSampleId : RT3380

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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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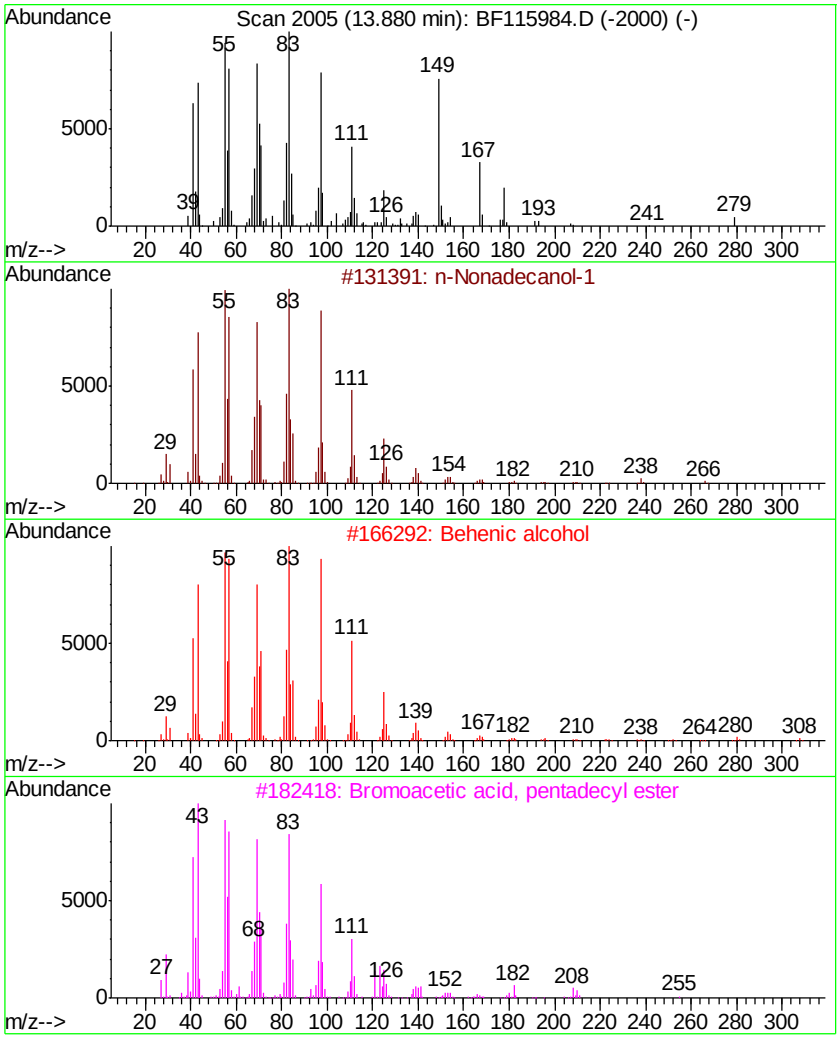
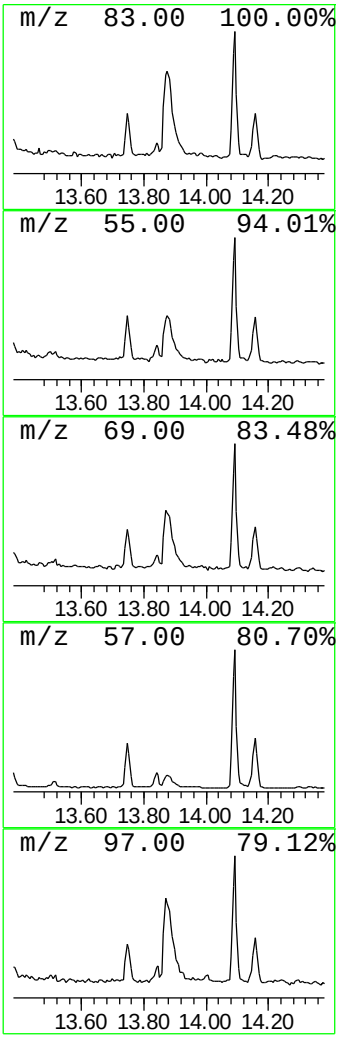
Peak Number 13 n-Nonadecanol-1 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.88	6.42 ng	419252	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Nonadecanol-1	284	C19H40O	001454-84-8	89
2	Behenic alcohol	326	C22H46O	000661-19-8	89
3	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	76
4	1-Heneicosanol	312	C21H44O	015594-90-8	76
5	1-Heptacosanol	396	C27H56O	002004-39-9	76





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ClientSampleId : RT3380

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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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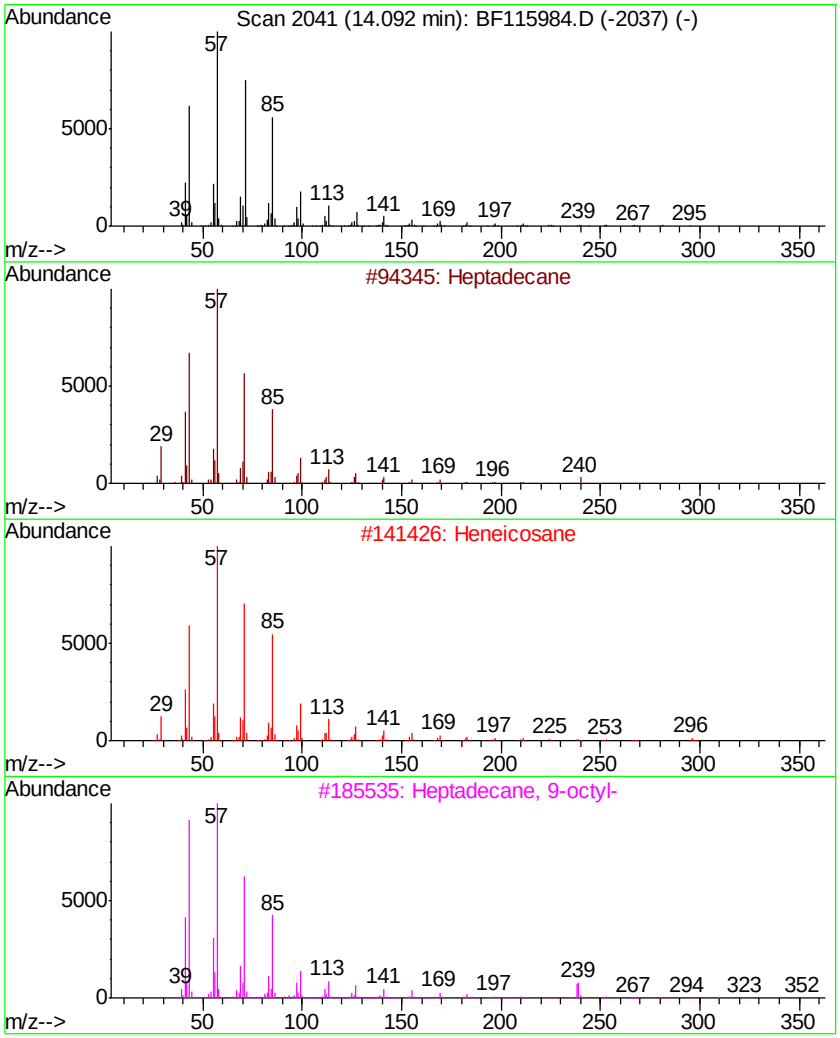
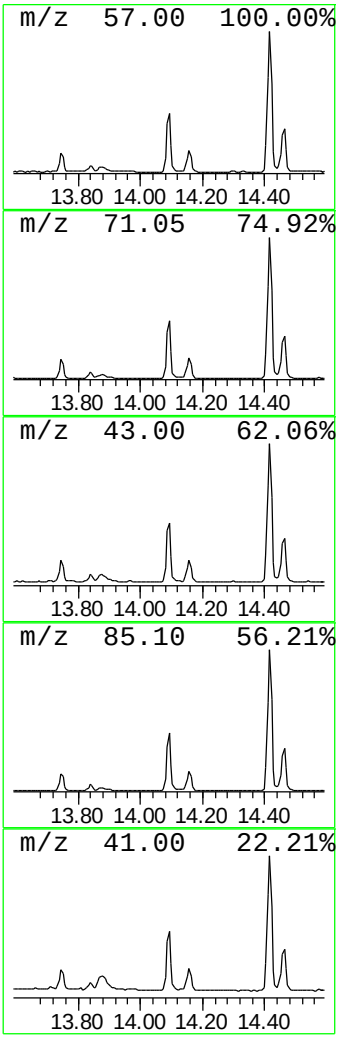
Peak Number 14 Heptadecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.09	13.32 ng	870307	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Octadecane	254	C18H38	000593-45-3	90
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90





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Instrument : BNA_F
ClientSampleId : RT3380

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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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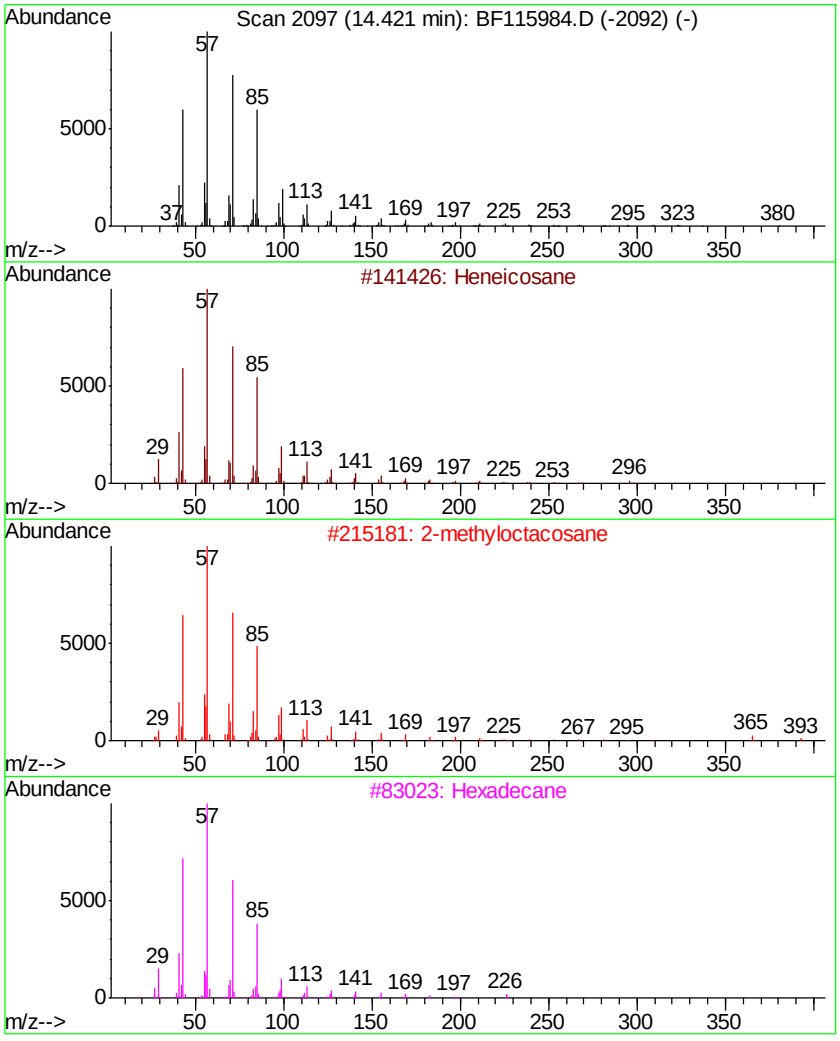
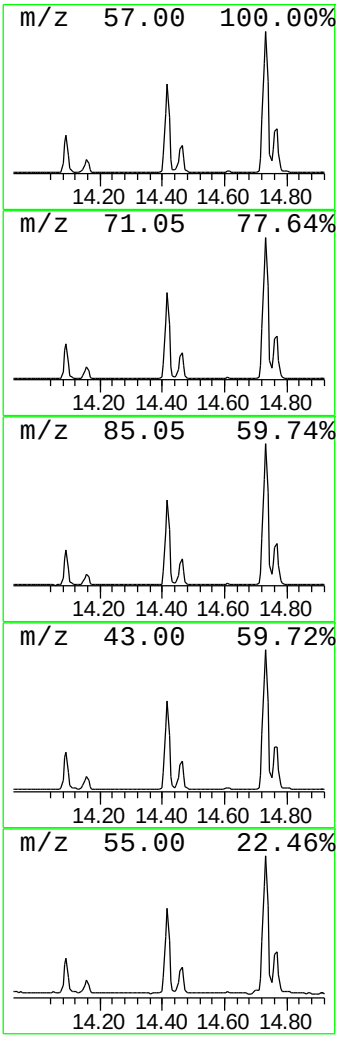
Peak Number 15 Heneicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	32.27 ng	2107840	Chrysene-d12	14.00

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	Hexadecane	226	C16H34	000544-76-3	87
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5	Octacosane	394	C28H58	000630-02-4	87





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Sample : K4156-07
Misc :
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Instrument : BNA_F
ClientSampleId : RT3380

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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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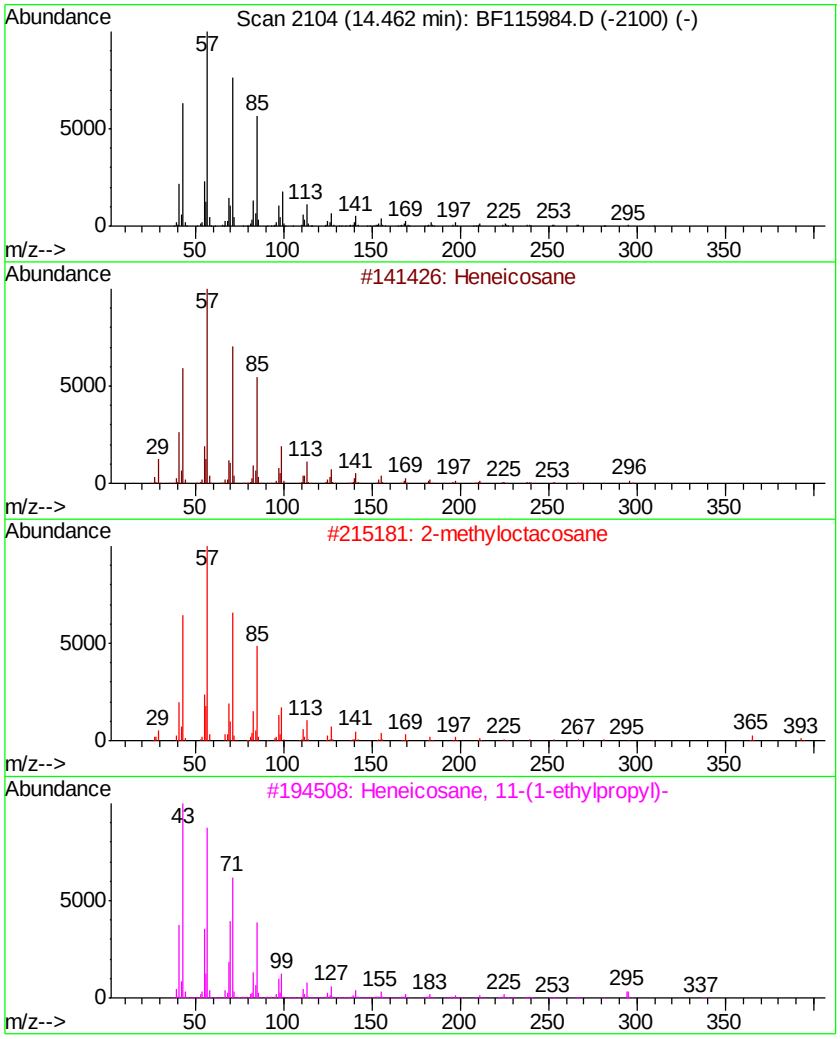
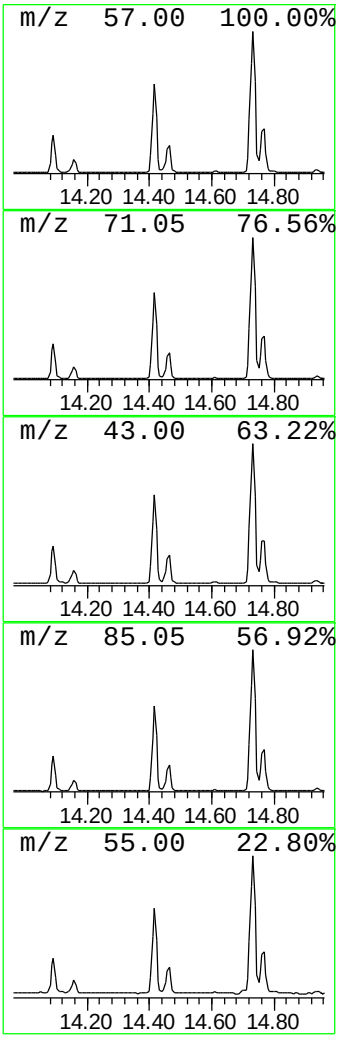
Peak Number 16 2-methyloctacosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	11.10 ng	725286	Chrysene-d12	14.00

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	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	91
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	87
5	Hexadecane	226	C16H34	000544-76-3	87





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Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3380

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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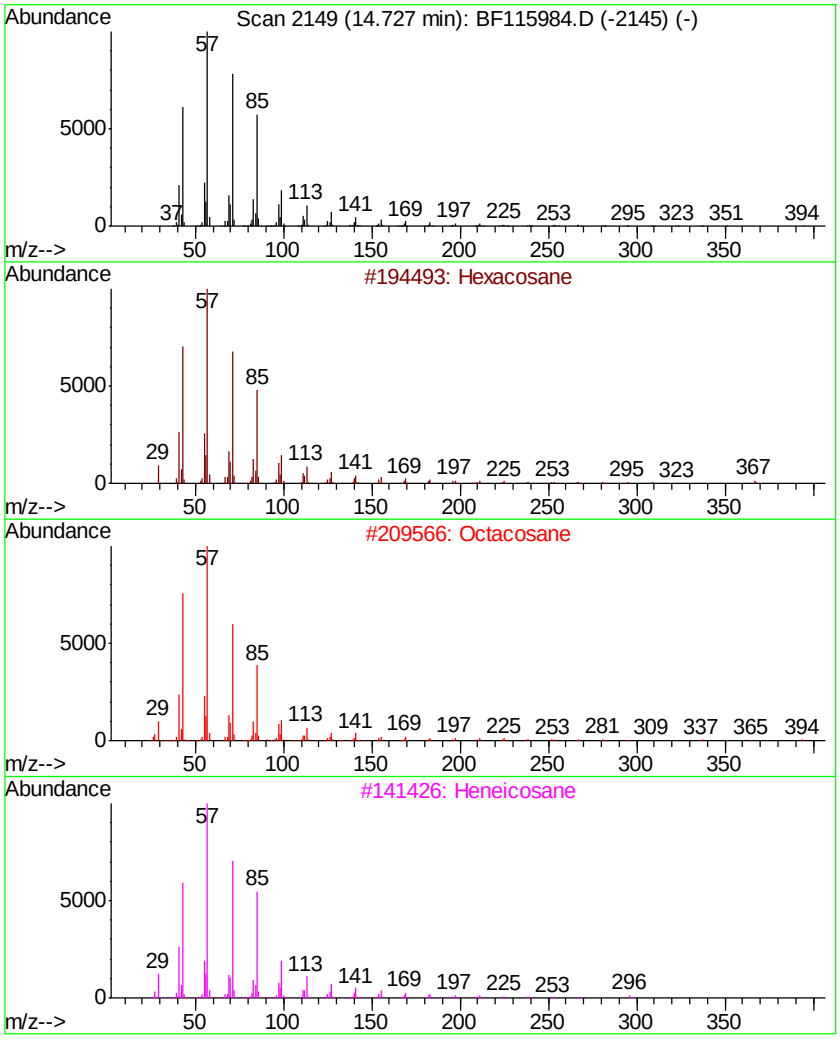
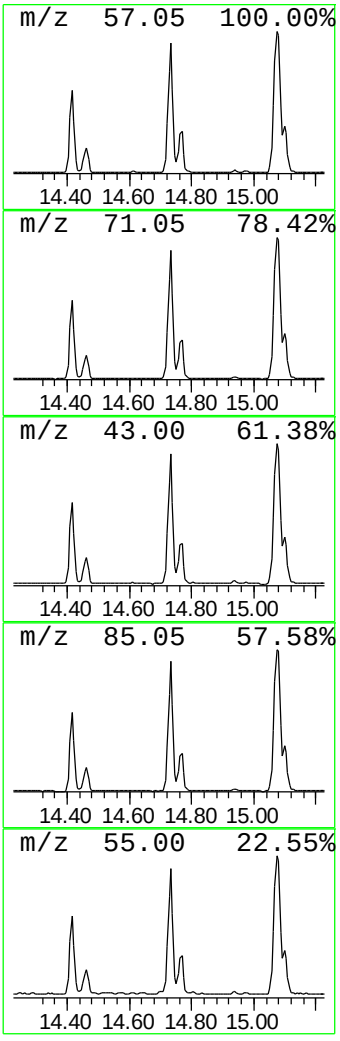
Peak Number 17 Hexacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.73	59.88 ng	3911570	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





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Sample : K4156-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3380

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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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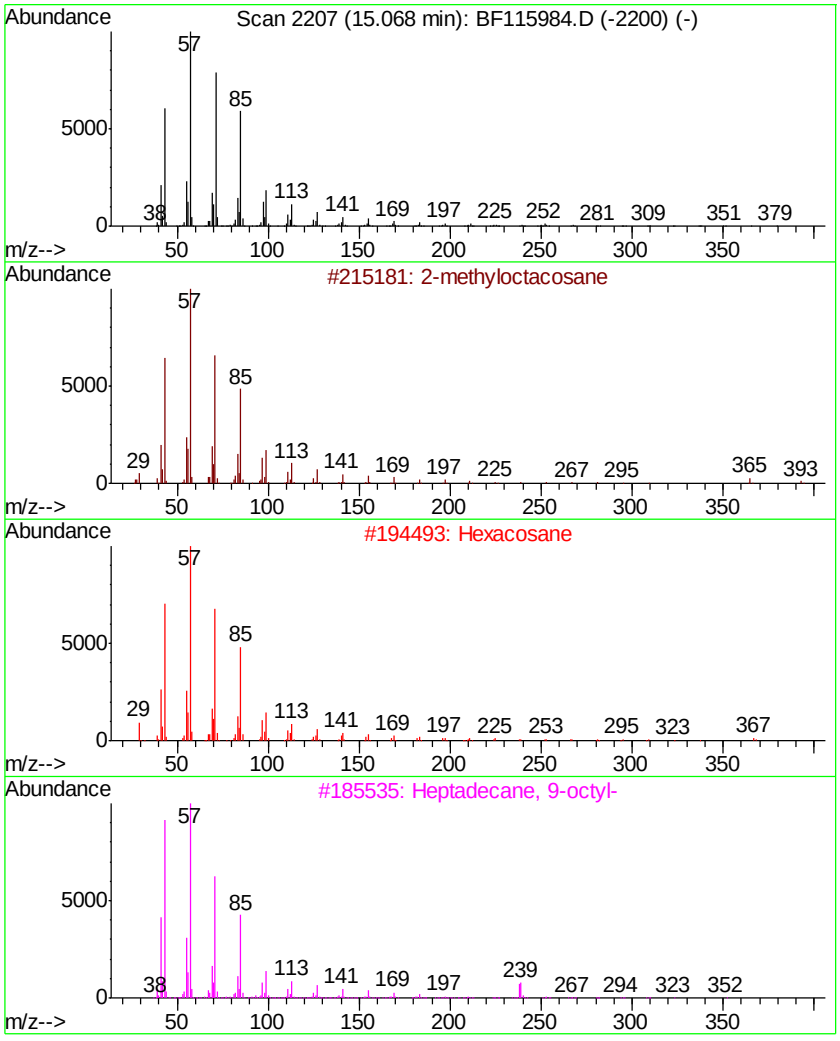
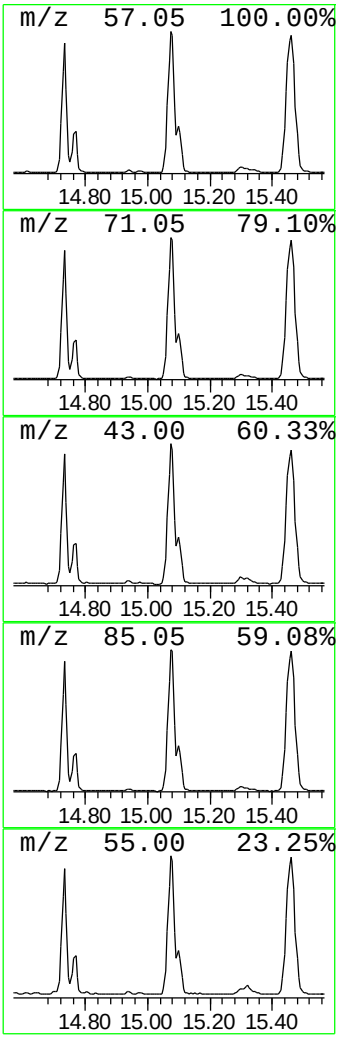
Peak Number 18 Heptadecane, 9-octyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.07	13.79 ng	5971610	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	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	90





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ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3380

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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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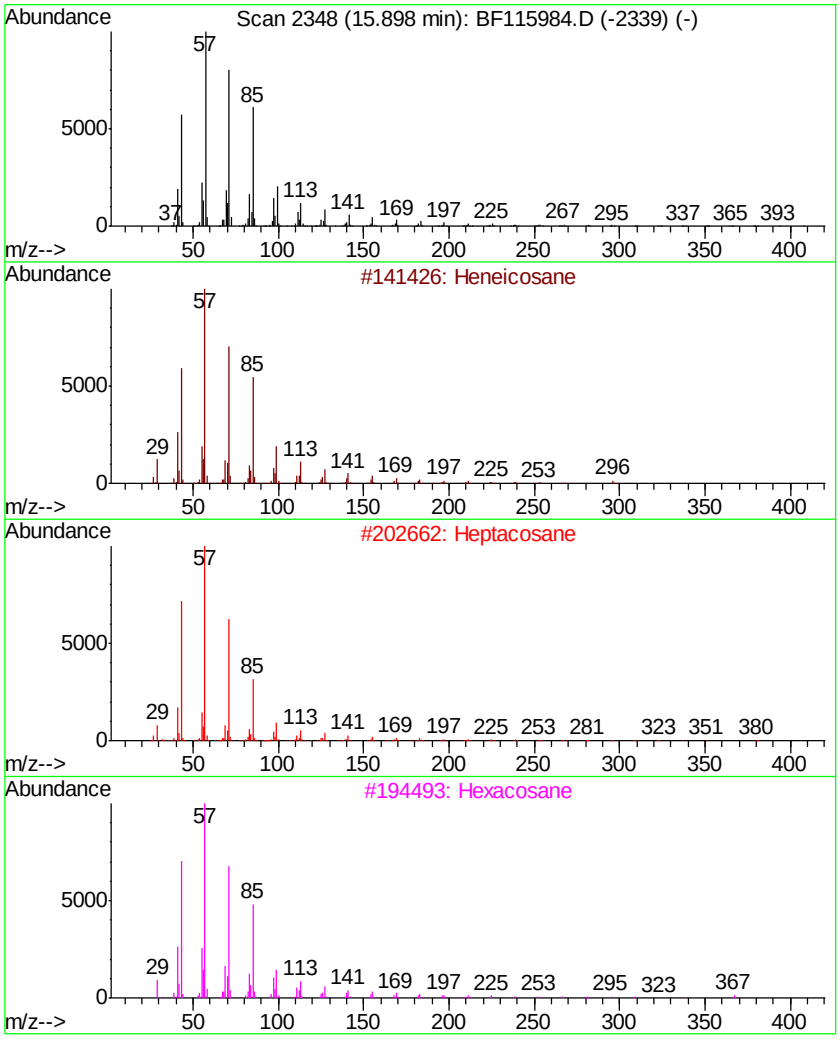
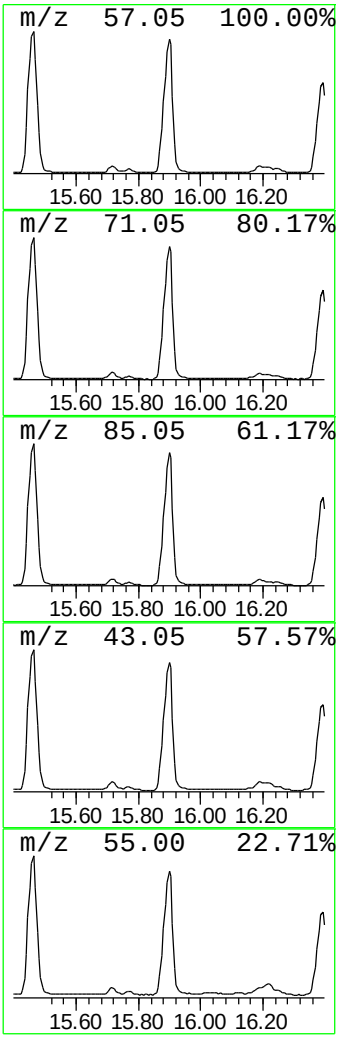
Peak Number 19 Hexadecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	17.30 ng	7488600	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	2-methyloctacosane	408	C29H60	1000376-72-8	91
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080519\
Data File : BF115984.D
Acq On : 5 Aug 2019 17:21
Operator : HP/JU
Sample : K4156-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3380

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

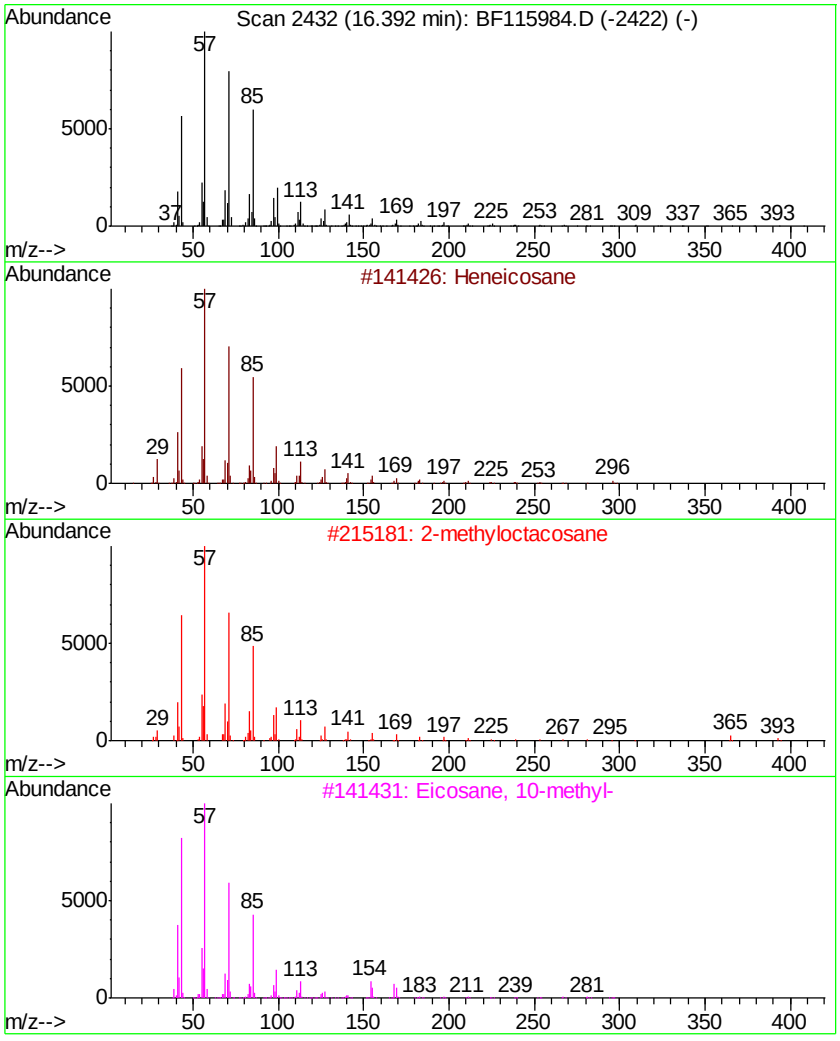
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

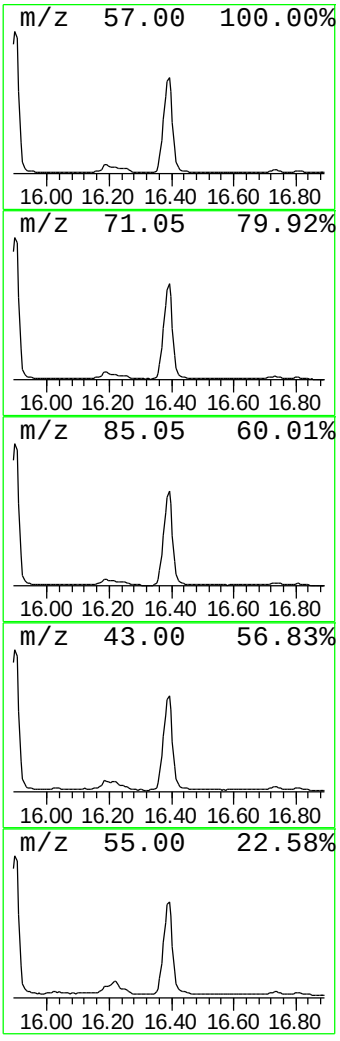
****

Peak Number 20 Eicosane, 10-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.39	12.09 ng	5232130	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	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90
4	Hexacosane	366	C26H54	000630-01-3	90
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080519\
Data File : BF115984.D
Acq On : 5 Aug 2019 17:21
Operator : HP/JU
Sample : K4156-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT3380

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...	2.13	27.5	ng	1107260	1	6.85	806048	20.0
unknown4.60	4.60	236.7	ng	9540110	1	6.85	806048	20.0
unknown5.00	5.00	42.3	ng	1704220	1	6.85	806048	20.0
unknown6.62	6.62	79.6	ng	3208670	1	6.85	806048	20.0
n-Hexadecanoic acid	11.90	58.4	ng	5731420	4	11.36	1964230	20.0
9-Octadecenoic ac...	12.26	4.8	ng	475850	4	11.36	1964230	20.0
Octadecanoic acid	12.42	133.3	ng	13086400	4	11.36	1964230	20.0
Benzene, 1,1'-(1,...	12.58	7.6	ng	747835	4	11.36	1964230	20.0
Tetradecanoic acid	12.69	112.5	ng	7349710	5	14.00	1306570	20.0
Diethylene glycol...	13.74	14.2	ng	930328	5	14.00	1306570	20.0
n-Nonadecanol-1	13.88	6.4	ng	419252	5	14.00	1306570	20.0
Heptadecane	14.09	13.3	ng	870307	5	14.00	1306570	20.0
Heneicosane	14.42	32.3	ng	2107840	5	14.00	1306570	20.0
2-methyloctacosane	14.46	11.1	ng	725286	5	14.00	1306570	20.0
Hexacosane	14.73	59.9	ng	3911570	5	14.00	1306570	20.0
Heptadecane, 9-oc...	15.07	13.8	ng	5971610	6	15.47	8658600	20.0
Hexadecane, 1-iodo-	15.90	17.3	ng	7488600	6	15.47	8658600	20.0
Eicosane, 10-methyl-	16.39	12.1	ng	5232130	6	15.47	8658600	20.0