LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111288.D
Acq On : 11 Dec 2018 20:42
Operator : JU/SJ
Sample : J6157-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-3-DISSOLVED

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-BF120818.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	2.822	118	125	133	rVB	328871	529798	8.82%	0.947%
2	4.034	327	331	335	rVB	57690	69796	1.16%	0.125%
3	4.357	382	386	393	rBV	634288	727070	12.11%	1.300%
4	4.987	487	493	499	rBV	771343	787081	13.10%	1.408%
5	5.263	536	540	545	rVB	175216	154975	2.58%	0.277%
6	5.404	560	564	578	rBV	1892688	1698627	28.28%	3.038%
7	6.422	733	737	748	rBV2	1263523	1671900	27.84%	2.990%
8	6.563	757	761	764	rBV	4042133	3343468	55.67%	5.979%
9	6.792	797	800	804	rBV	1800824	1592050	26.51%	2.847%
10	6.951	823	827	831	rBV	4062118	3539580	58.93%	6.330%
11	7.351	891	895	898	rBV	3227872	3058708	50.93%	5.470%
12	7.981	998	1002	1007	rBV	96359	94182	1.57%	0.168%
13	8.075	1014	1018	1022	rBV	2564932	2245382	37.38%	4.015%
14	9.157	1197	1202	1205	rBV	7042431	6006258	100.00%	10.741%
15	9.545	1265	1268	1271	rBV	1164601	903471	15.04%	1.616%
16	9.833	1313	1317	1321	rBV	3257045	2724262	45.36%	4.872%
17	10.039	1347	1352	1360	rBV	104878	115912	1.93%	0.207%
18	10.251	1384	1388	1390	rBV	292740	238571	3.97%	0.427%
19	10.616	1446	1450	1454	rBV	2660961	2282911	38.01%	4.082%
20	10.898	1495	1498	1504	rBV	106031	100857	1.68%	0.180%
21	10.986	1510	1513	1517	rVB2	106223	98517	1.64%	0.176%
22	11.316	1565	1569	1572	rBV	3385939	2780534	46.29%	4.972%
23	11.710	1632	1636	1643	rBV3	179529	196991	3.28%	0.352%
24	11.769	1643	1646	1652	rBV3	63613	83107	1.38%	0.149%
25	11.857	1655	1661	1677	rBV	3199146	3526976	58.72%	6.307%
26	12.374	1745	1749	1753	rBV3	55987	71147	1.18%	0.127%
27	12.421	1753	1757	1761	rVB3	90519	101740	1.69%	0.182%
28	12.539	1774	1777	1778	rBV	145991	125306	2.09%	0.224%
29	12.574	1778	1783	1788	rVV	864873	886605	14.76%	1.585%
30	12.639	1790	1794	1805	rVV	2032992	2102523	35.01%	3.760%
31	12.716	1805	1807	1813	rVB4	42021	77577	1.29%	0.139%
32	12.851	1827	1830	1832	rBV	89853	88839	1.48%	0.159%
33	12.904	1835	1839	1843	rBV	5133004	4867140	81.03%	8.704%
34	13.051	1861	1864	1872	rVB3	59481	71800	1.20%	0.128%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111288.D
Acq On : 11 Dec 2018 20:42
Operator : JU/SJ
Sample : J6157-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-3-DISSOLVED

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-BF120818.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.357	1913	1916	1919	rBV	151736	144295	2.40%	0.258%
36	13.739	1977	1981	1987	rBV2	782498	786431	13.09%	1.406%
37	13.810	1987	1993	2003	rVV3	492998	908407	15.12%	1.624%
38	13.951	2013	2017	2021	rBV	2073740	1997715	33.26%	3.572%
39	14.133	2045	2048	2055	rVB	89397	89882	1.50%	0.161%
40	14.380	2086	2090	2094	rBV	2338078	1969990	32.80%	3.523%
41	14.445	2098	2101	2107	rVV	143967	159852	2.66%	0.286%
42	14.745	2149	2152	2157	rVB	200050	204596	3.41%	0.366%
43	14.821	2162	2165	2170	rVB	101059	109795	1.83%	0.196%
44	15.080	2205	2209	2216	rVB	212141	232333	3.87%	0.415%
45	15.398	2258	2263	2267	rBV	1285350	1542878	25.69%	2.759%
46	15.451	2268	2272	2277	rVB	234690	293469	4.89%	0.525%
47	15.874	2340	2344	2348	rBV	169754	253229	4.22%	0.453%
48	16.368	2424	2428	2435	rVB2	118794	186487	3.10%	0.333%
49	18.827	2843	2846	2848	rBV4	56555	77167	1.28%	0.138%

Sum of corrected areas: 55920187

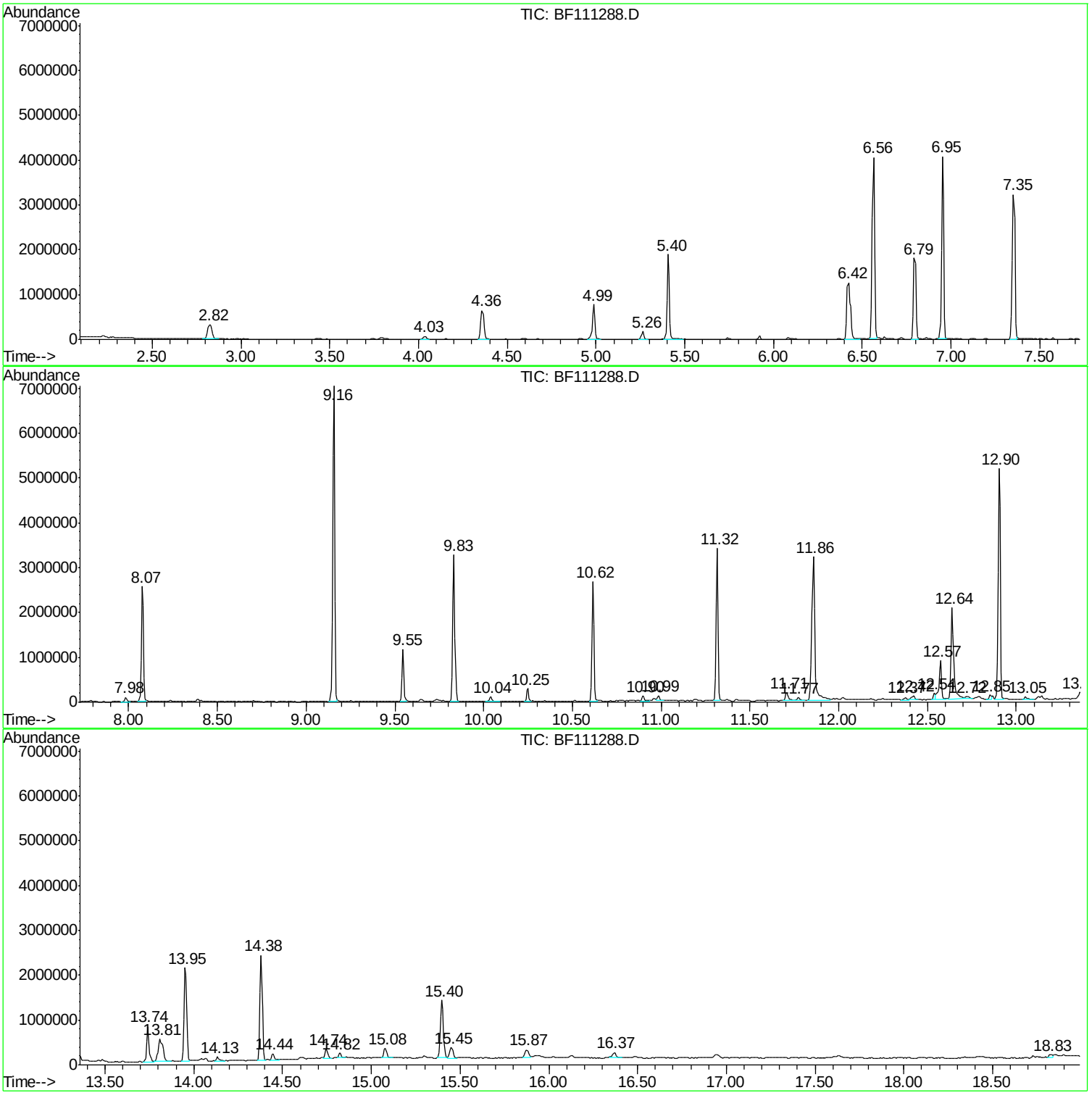
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111288.D
Acq On : 11 Dec 2018 20:42
Operator : JU/SJ
Sample : J6157-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-3-DISSOLVED

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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\BF121118\
Data File : BF111288.D
Acq On : 11 Dec 2018 20:42
Operator : JU/SJ
Sample : J6157-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-3-DISSOLVED

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

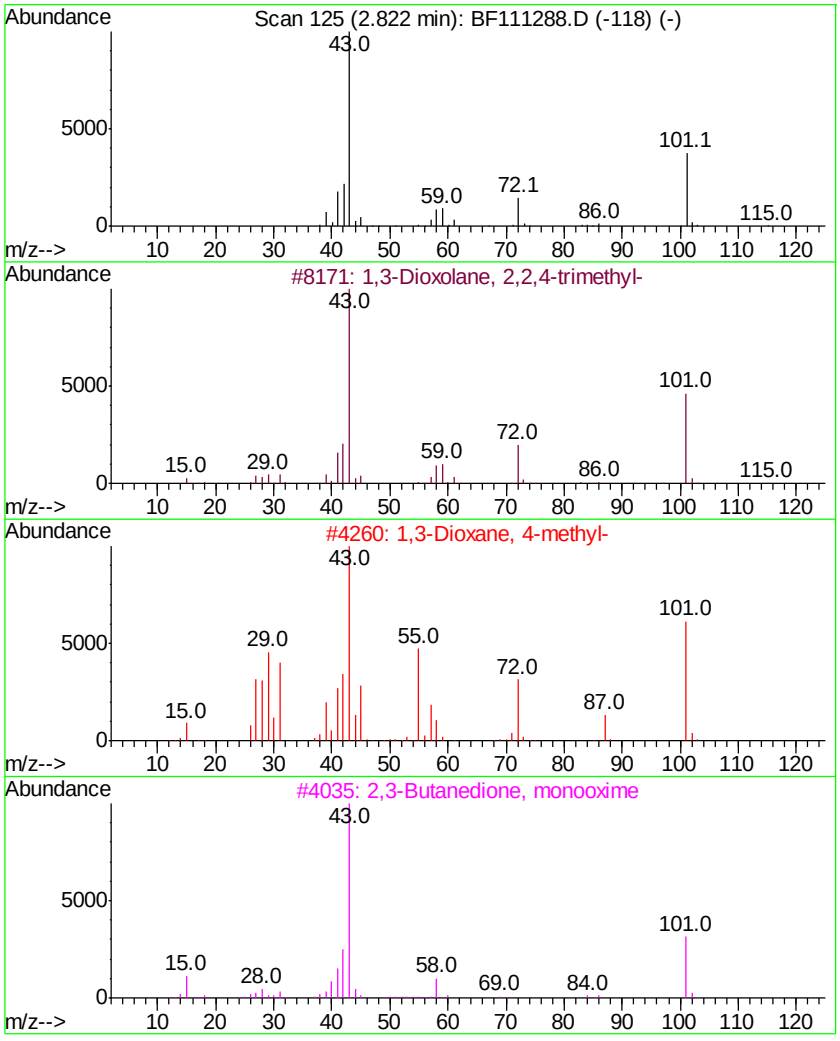
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

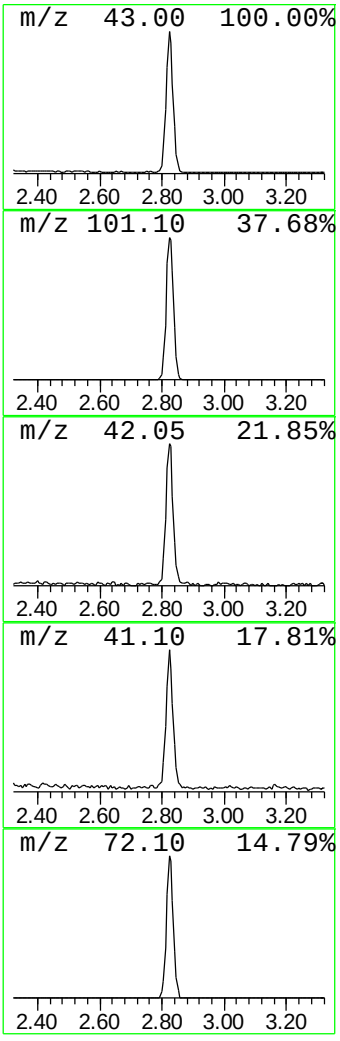
****

Peak Number 1 1,3-Dioxolane, 2,2,4-trimet... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	6.66 ng	529798	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2,2,4-trimethyl-	116	C6H12O2	001193-11-9	90
2	1,3-Dioxane, 4-methyl-	102	C5H10O2	001120-97-4	42
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	40
4	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	33
5	Thiocyanic acid, propyl ester	101	C4H7NS	004251-16-5	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111288.D
Acq On : 11 Dec 2018 20:42
Operator : JU/SJ
Sample : J6157-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-3-DISSOLVED

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

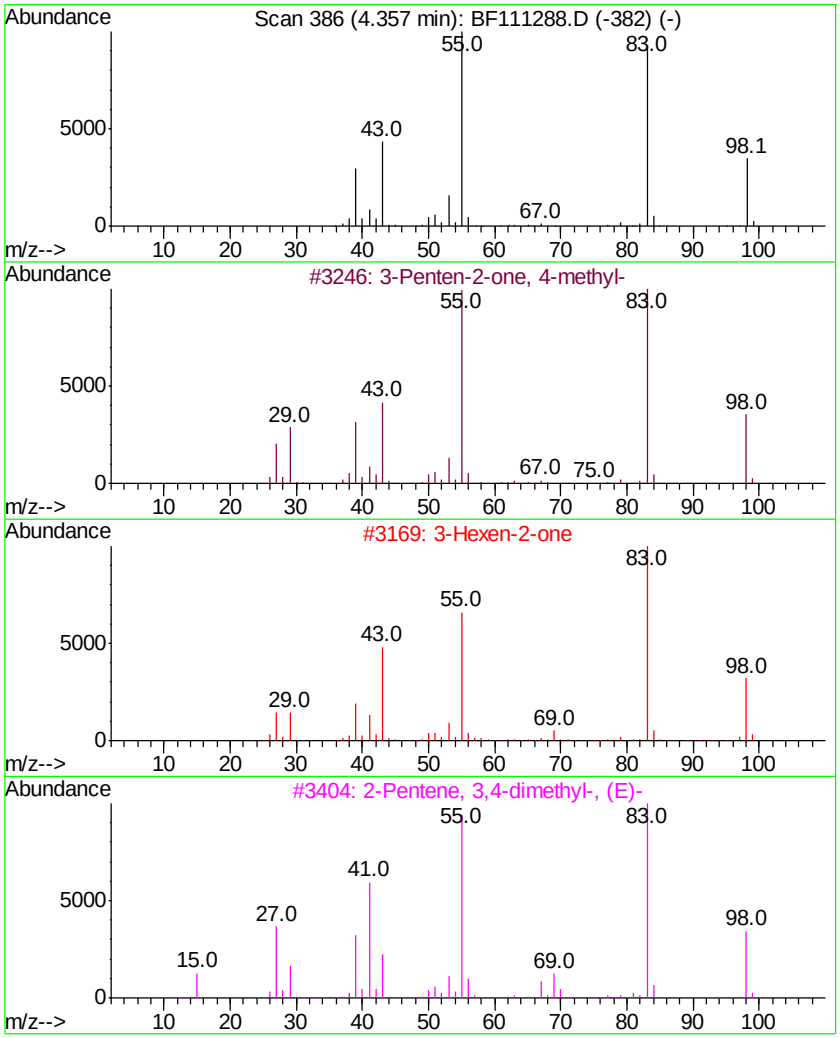
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

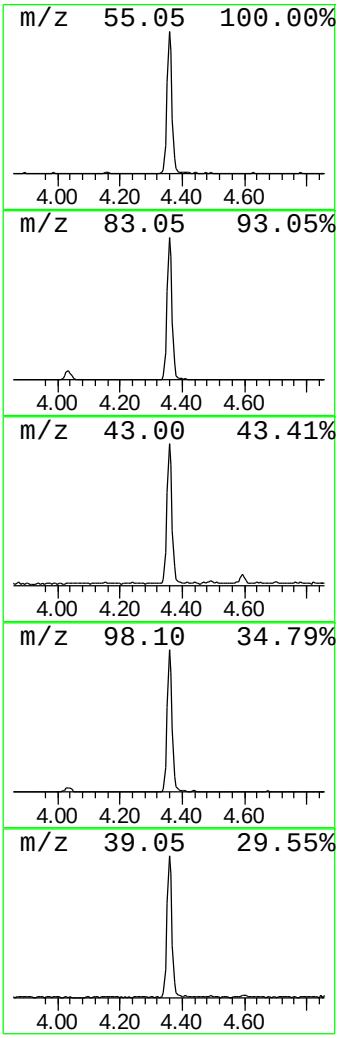
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.36	9.13 ng	727070	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	90
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111288.D
Acq On : 11 Dec 2018 20:42
Operator : JU/SJ
Sample : J6157-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-3-DISSOLVED

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

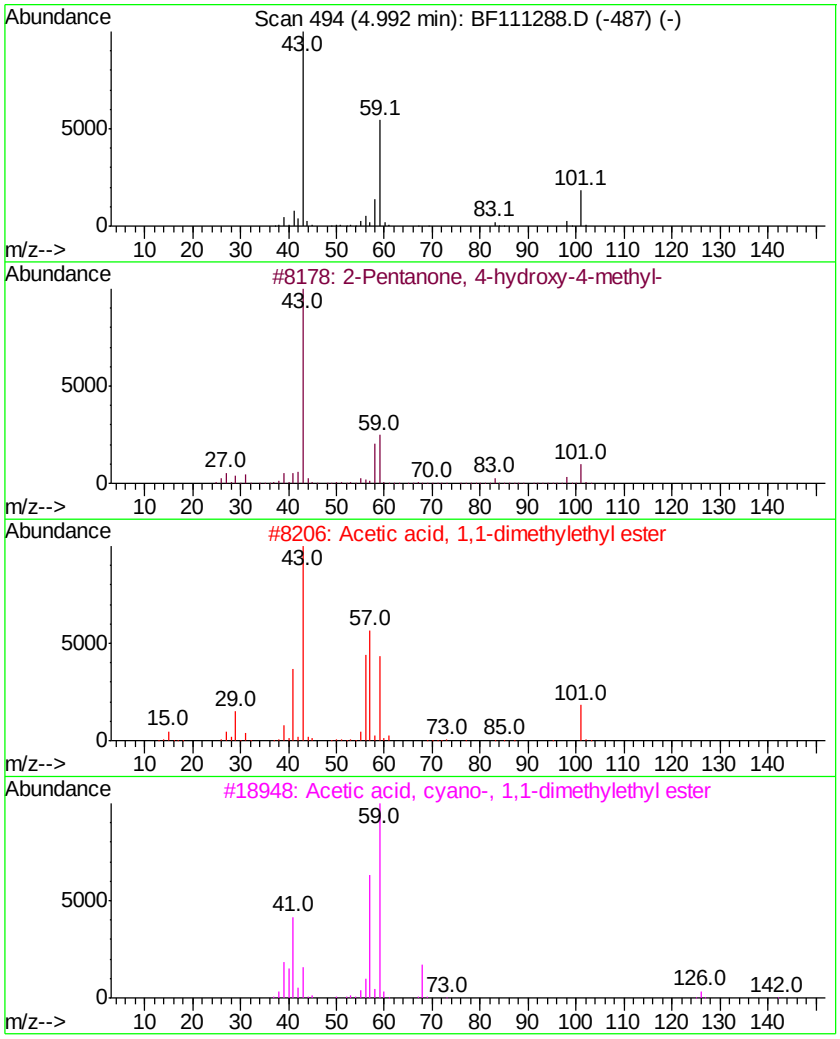
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

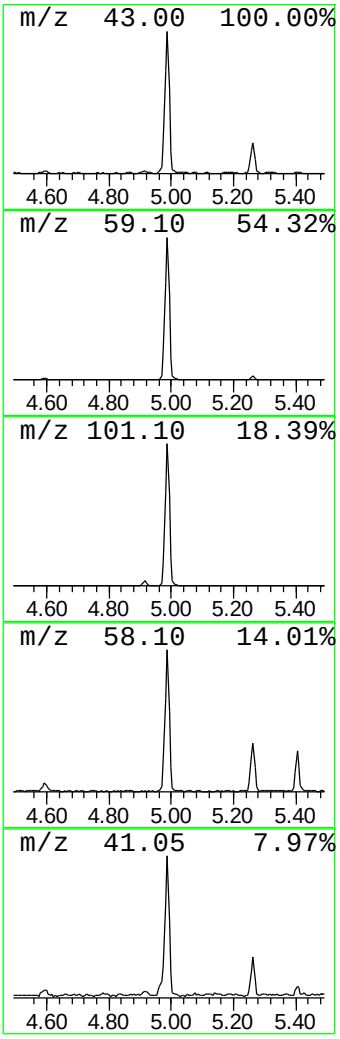
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	9.89 ng	787081	1,4-Dichlorobenzene-d4	6.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111288.D
Acq On : 11 Dec 2018 20:42
Operator : JU/SJ
Sample : J6157-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-3-DISSOLVED

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

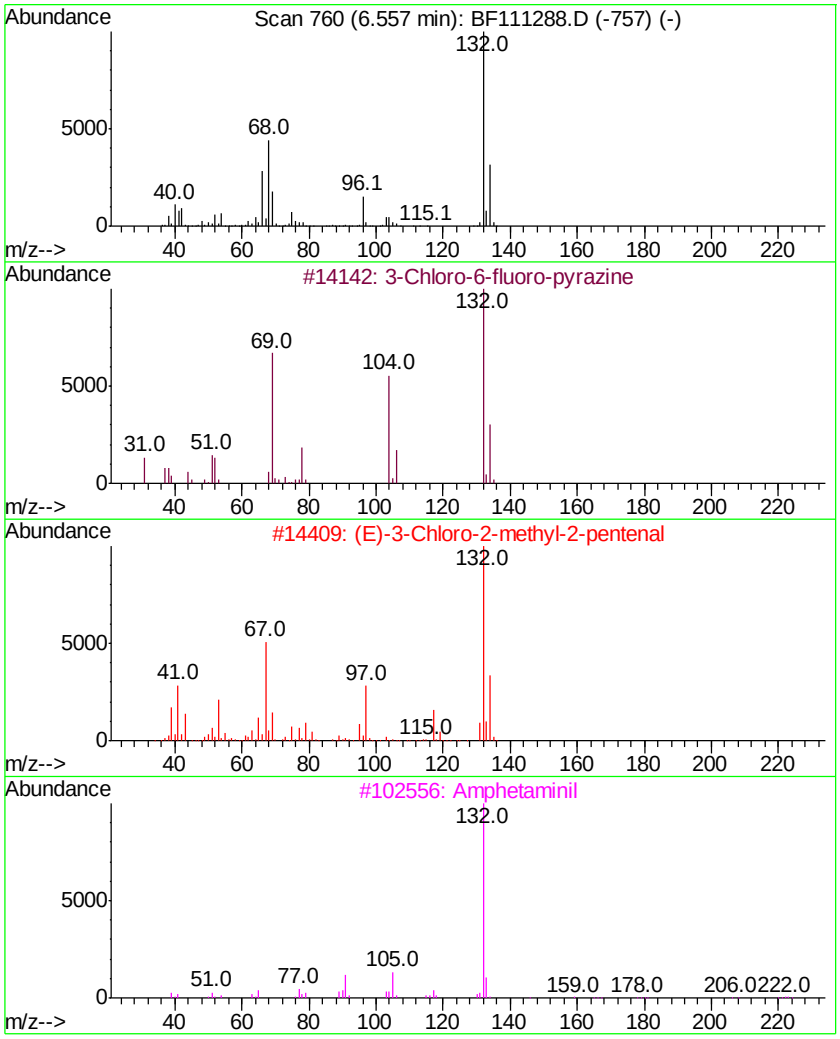
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

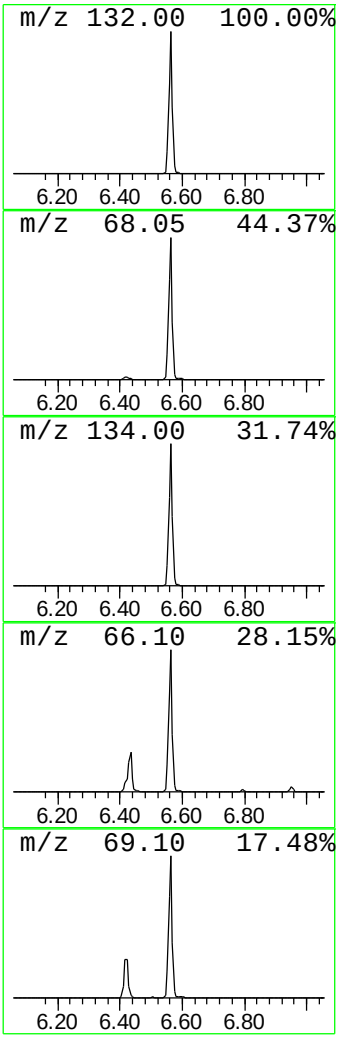
****

Peak Number 4 unknown6.56 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	42.00 ng	3343470	1,4-Dichlorobenzene-d4	6.80

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\BF121118\
Data File : BF111288.D
Acq On : 11 Dec 2018 20:42
Operator : JU/SJ
Sample : J6157-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-3-DISSOLVED

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

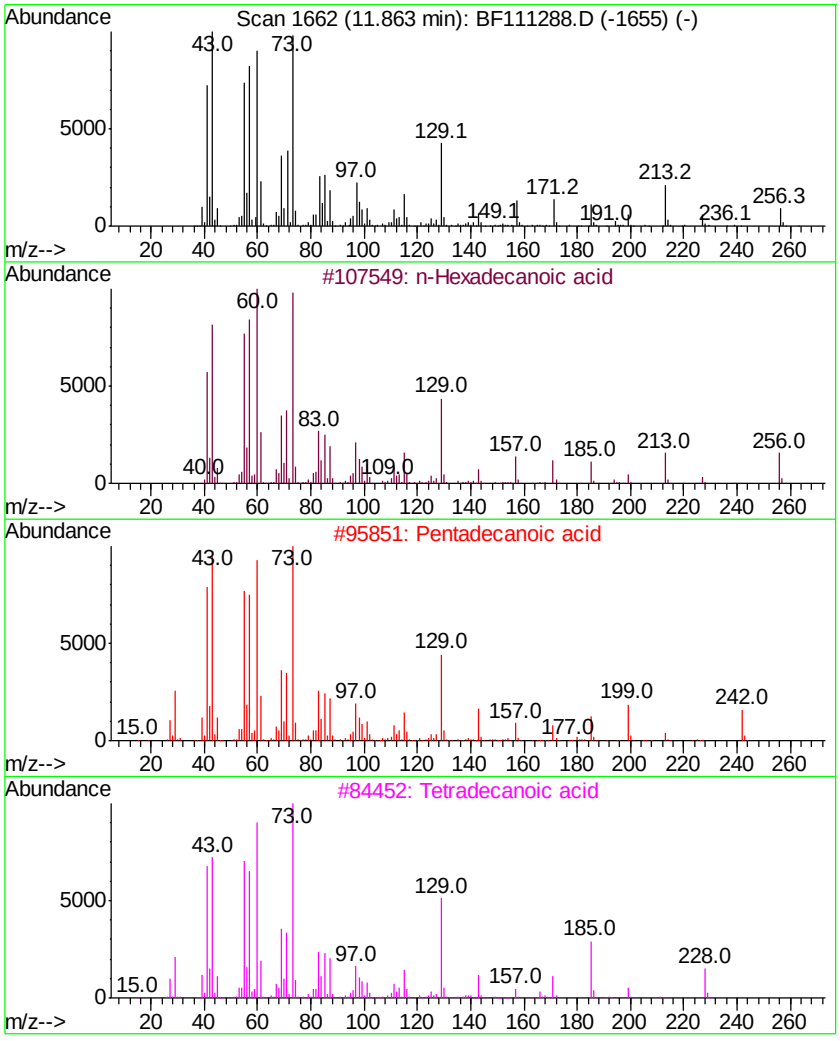
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

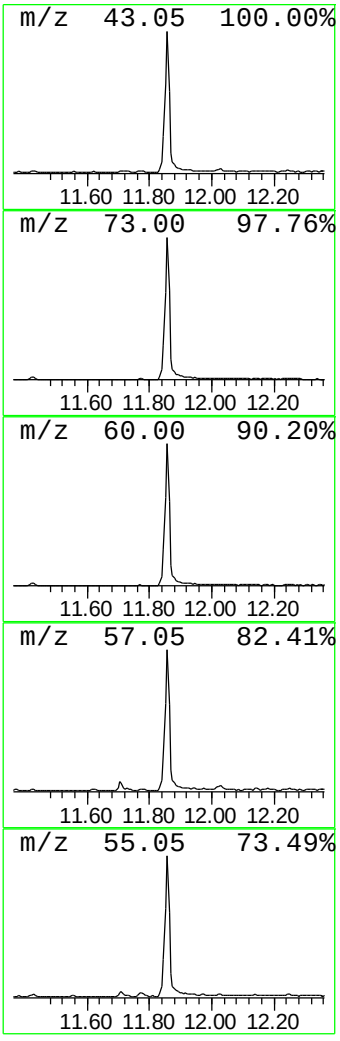
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	25.37 ng	3526980	Phenanthrene-d10	11.32

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	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4	Undecanoic acid	186	C11H22O2	000112-37-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111288.D
Acq On : 11 Dec 2018 20:42
Operator : JU/SJ
Sample : J6157-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-3-DISSOLVED

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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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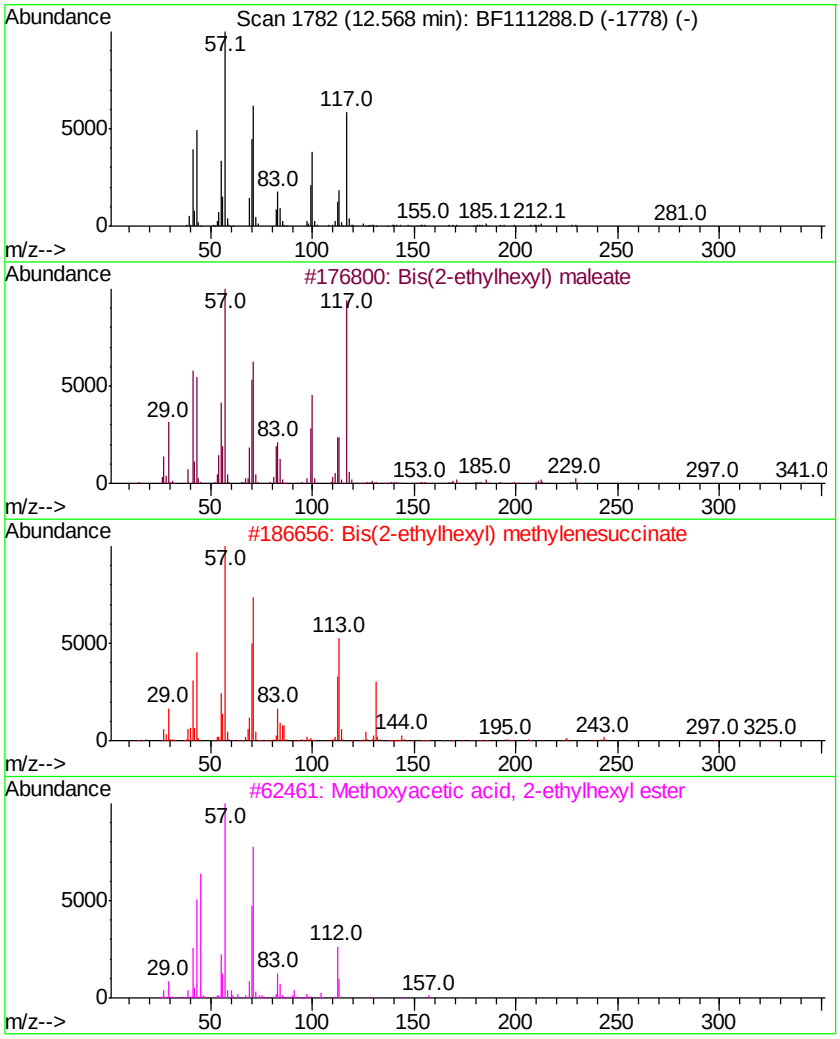
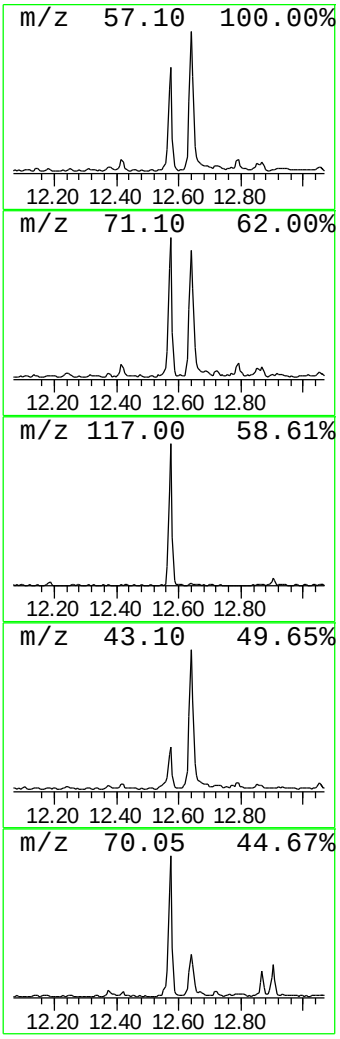
Peak Number 7 Bis(2-ethylhexyl) maleate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	6.38 ng	886605	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bis(2-ethylhexyl) maleate	340	C20H36O4	000142-16-5	90
2	Bis(2-ethylhexyl) methylenesucci...	354	C21H38O4	002287-83-4	46
3	Methoxyacetic acid, 2-ethylhexyl...	202	C11H22O3	1000282-41-4	35
4	Oxalic acid, 2-ethylhexyl ethyl ...	230	C12H22O4	1000309-38-4	35
5	Oxalic acid, decyl 2-ethylhexyl ...	342	C20H38O4	1000309-39-3	35





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111288.D
Acq On : 11 Dec 2018 20:42
Operator : JU/SJ
Sample : J6157-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-3-DISSOLVED

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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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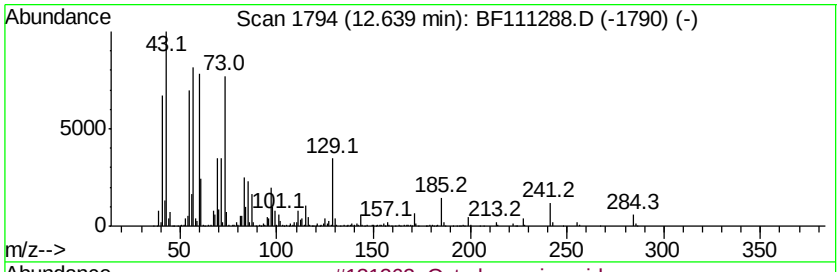
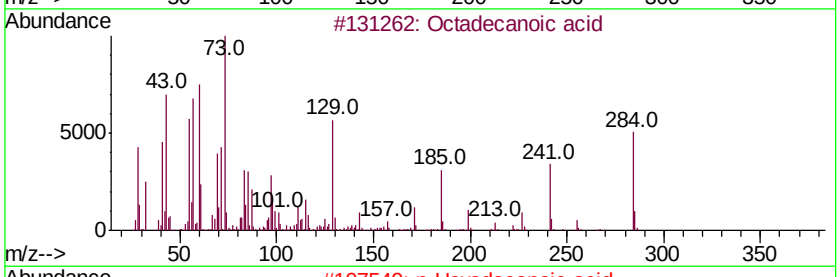
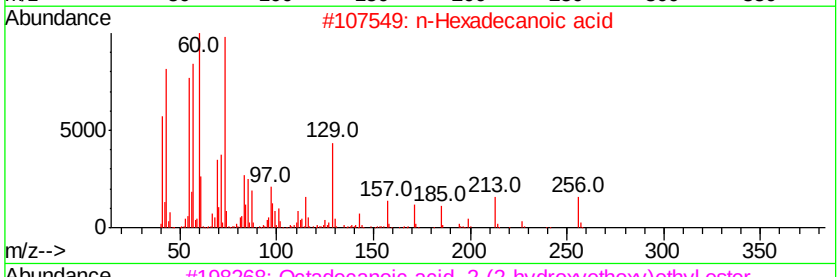
Peak Number 8 Octadecanoic acid Concentration Rank 4

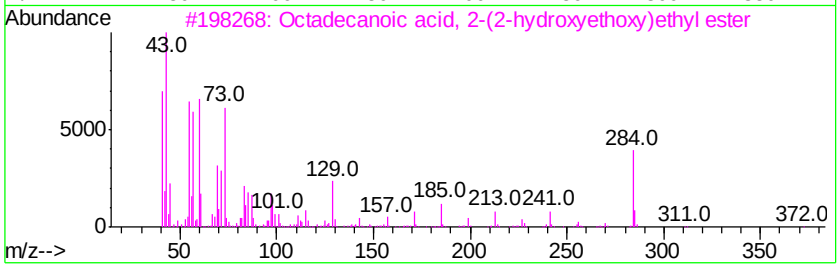
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	21.05 ng	2102520	Chrysene-d12	13.95

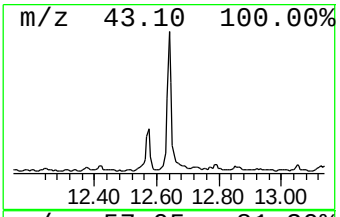
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	72

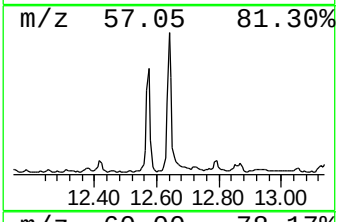


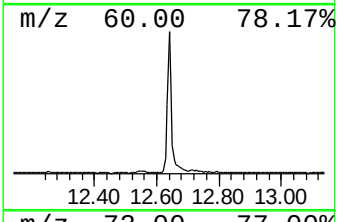


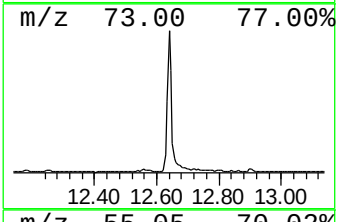


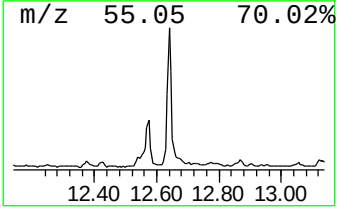












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111288.D
Acq On : 11 Dec 2018 20:42
Operator : JU/SJ
Sample : J6157-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-3-DISSOLVED

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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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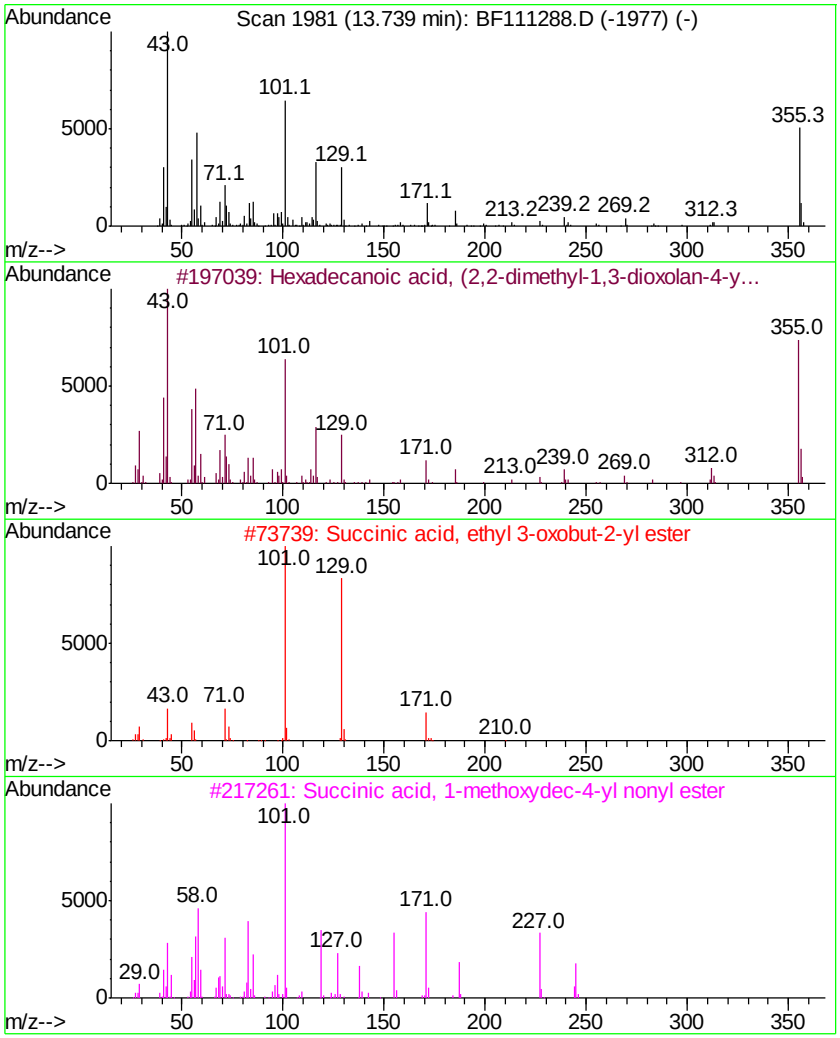
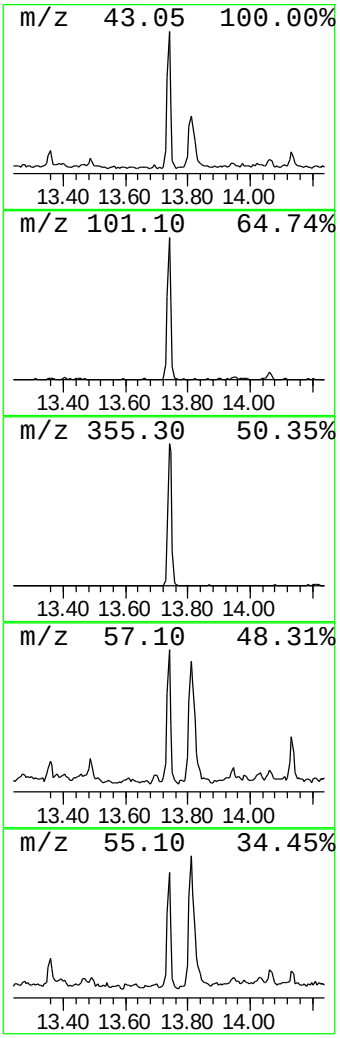
Peak Number 9 Hexadecanoic acid, (2,2-dim... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.74	7.87 ng	786431	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, (2,2-dimethyl...	370	C22H42O4	018418-21-8	90
2	Succinic acid, ethyl 3-oxobut-2-...	216	C10H16O5	1000349-57-8	35
3	Succinic acid, 1-methoxydec-4-yl...	414	C24H46O5	1000330-14-0	27
4	Adipic acid, 4-methoxy-2-methylb...	316	C17H32O5	1000324-29-7	27
5	1,3-Dioxolane, 2,2-dimethyl-4-[[...	370	C23H46O3	056600-20-5	27





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Operator : JU/SJ
Sample : J6157-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-3-DISSOLVED

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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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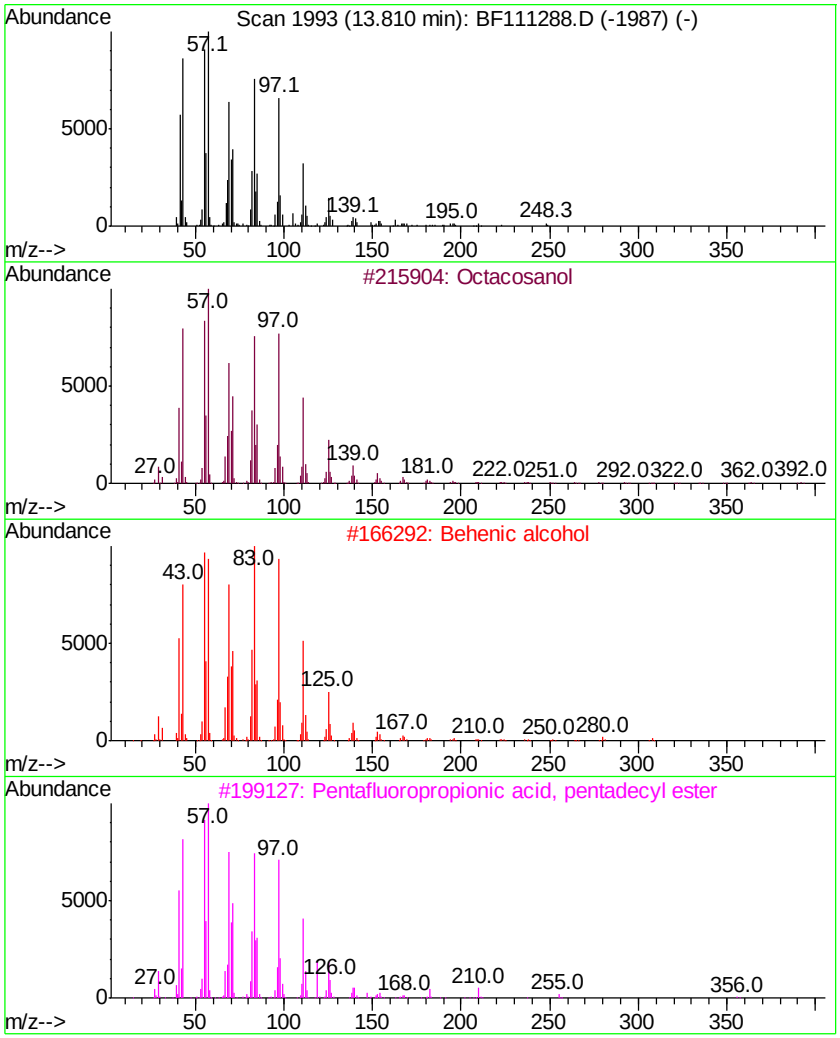
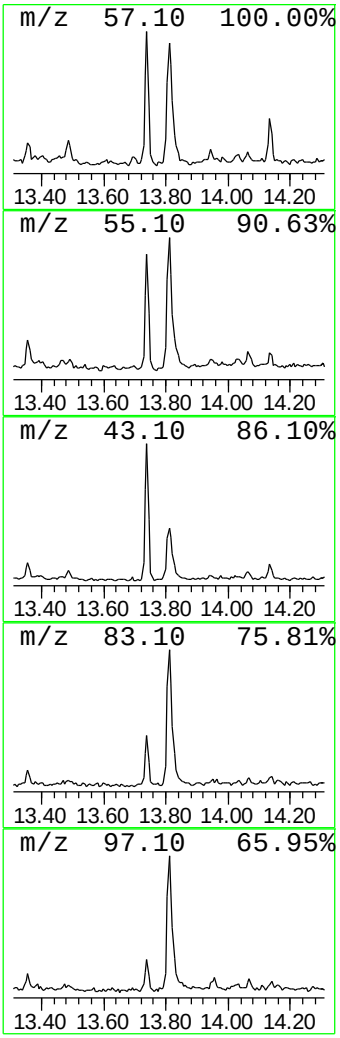
Peak Number 10 Octacosanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	9.09 ng	908407	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosanol	410	C28H58O	000557-61-9	91
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	91
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111288.D
Acq On : 11 Dec 2018 20:42
Operator : JU/SJ
Sample : J6157-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-3-DISSOLVED

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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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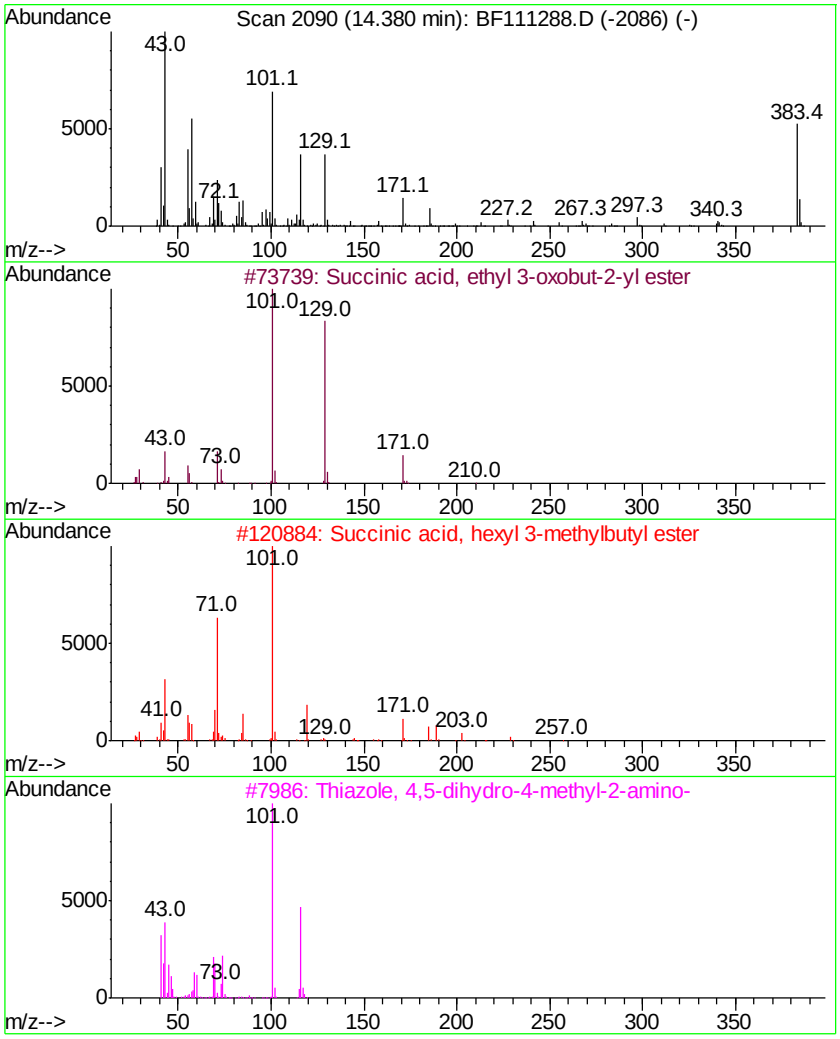
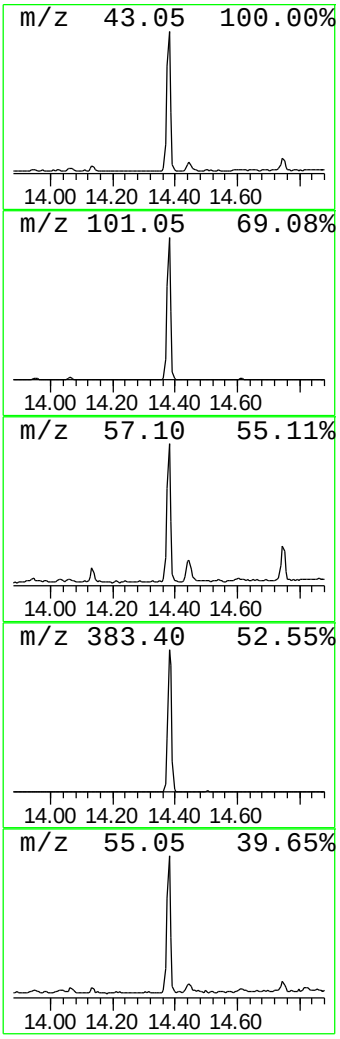
Peak Number 11 unknown14.38 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.38	19.72 ng	1969990	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Succinic acid, ethyl 3-oxobut-2-...	216	C10H16O5	1000349-57-8	27
2	Succinic acid, hexyl 3-methylbut...	272	C15H28O4	1000349-24-6	27
3	Thiazole, 4,5-dihydro-4-methyl-2...	116	C4H8N2S	010416-81-6	25
4	4-Ethylurazole	129	C4H7N3O2	1000342-60-1	22
5	Succinic acid, 2-decyl 2-pentyl ...	328	C19H36O4	1000370-90-4	22





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111288.D
Acq On : 11 Dec 2018 20:42
Operator : JU/SJ
Sample : J6157-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-3-DISSOLVED

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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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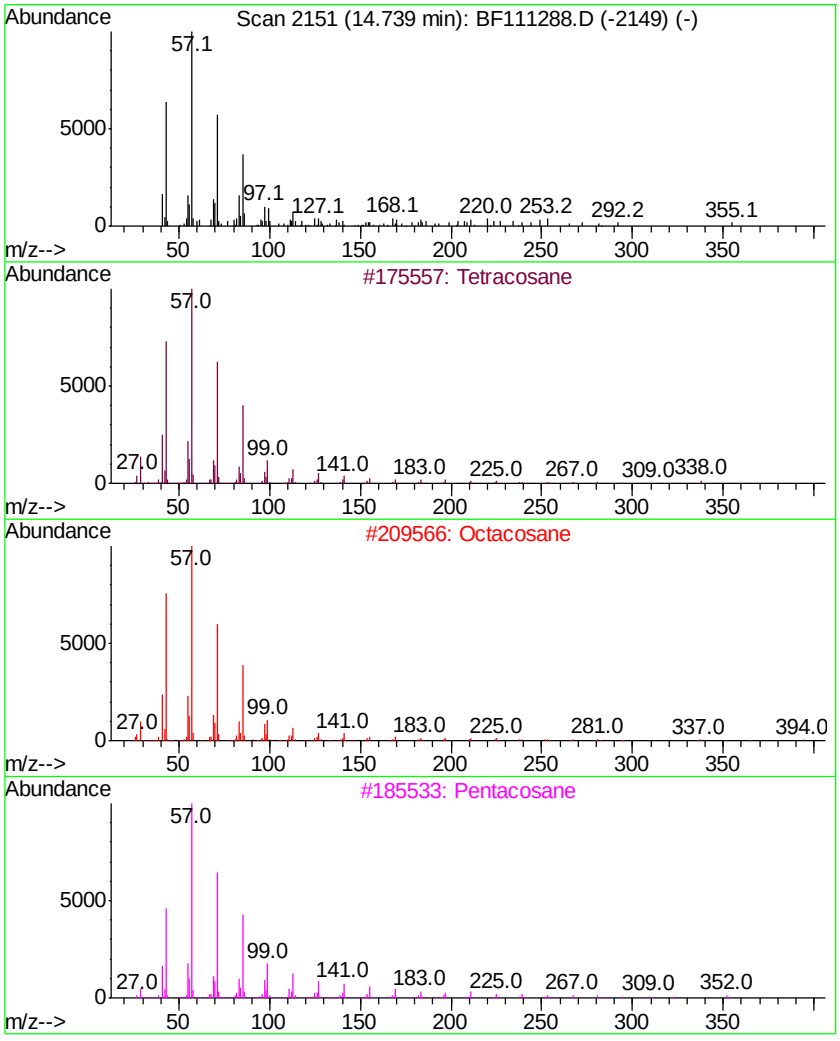
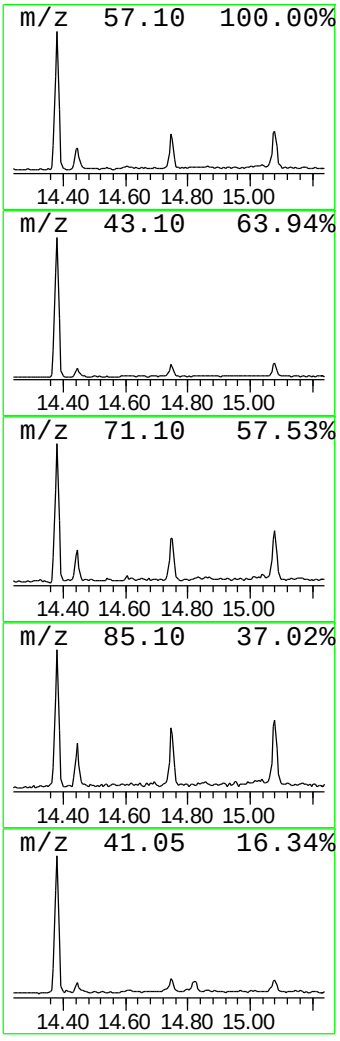
Peak Number 12 Tetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	2.65 ng	204596	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Docosane	310	C22H46	000629-97-0	91





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Data File : BF111288.D
Acq On : 11 Dec 2018 20:42
Operator : JU/SJ
Sample : J6157-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-3-DISSOLVED

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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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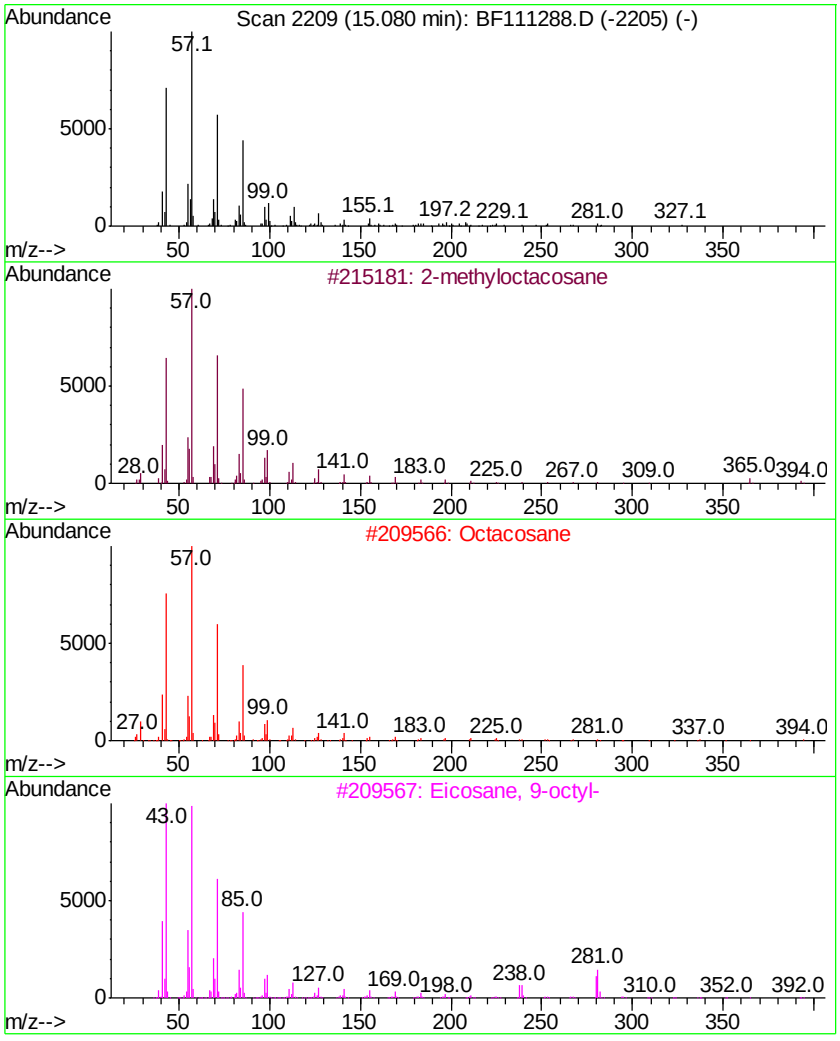
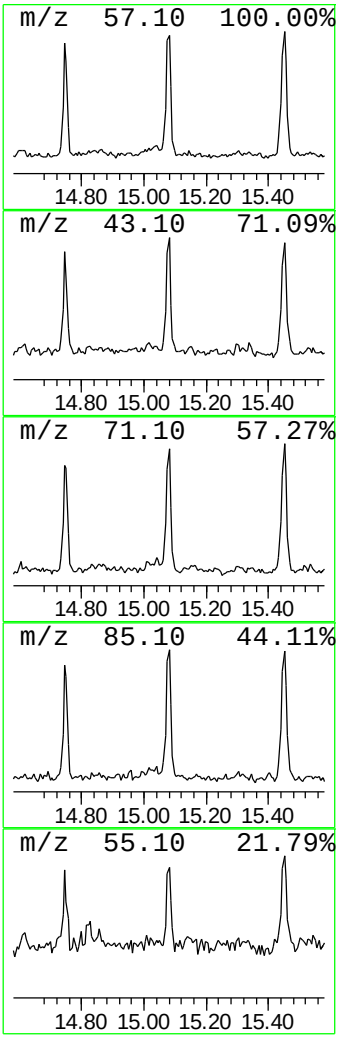
Peak Number 13 2-methyloctacosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.08	3.01 ng	232333	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Octacosane	394	C28H58	000630-02-4	91
3	Eicosane, 9-octyl-	394	C28H58	013475-77-9	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Heneicosane	296	C21H44	000629-94-7	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111288.D
Acq On : 11 Dec 2018 20:42
Operator : JU/SJ
Sample : J6157-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-3-DISSOLVED

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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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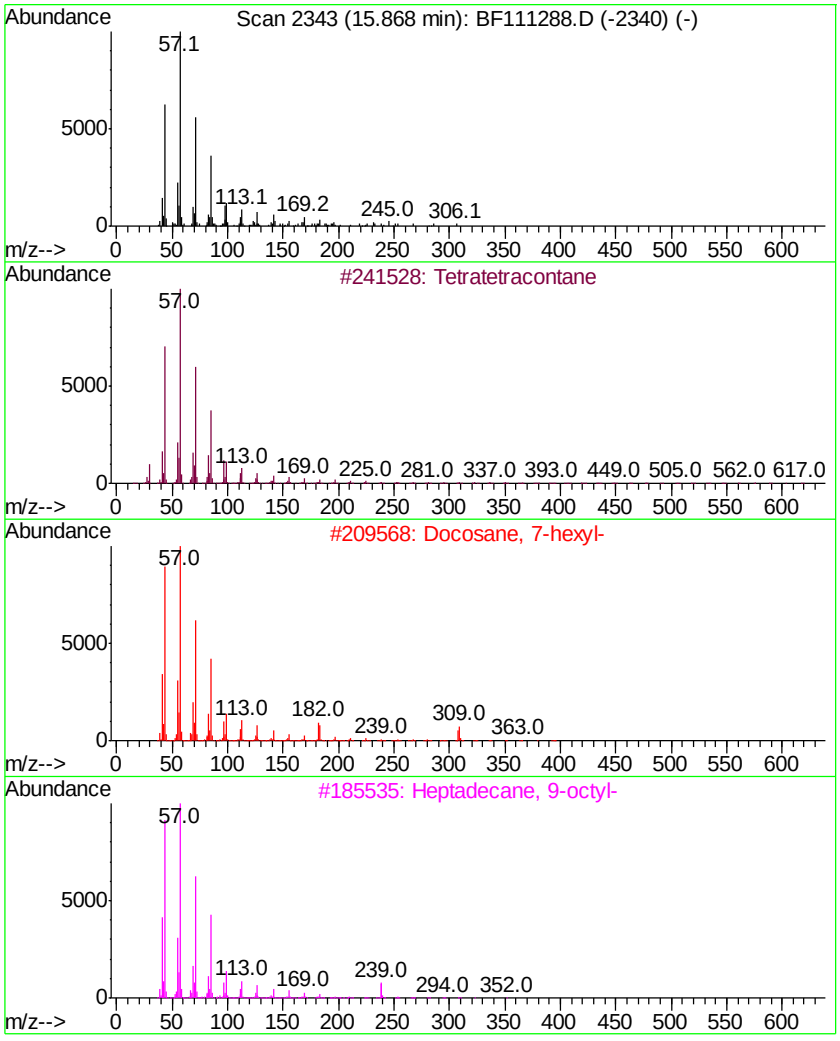
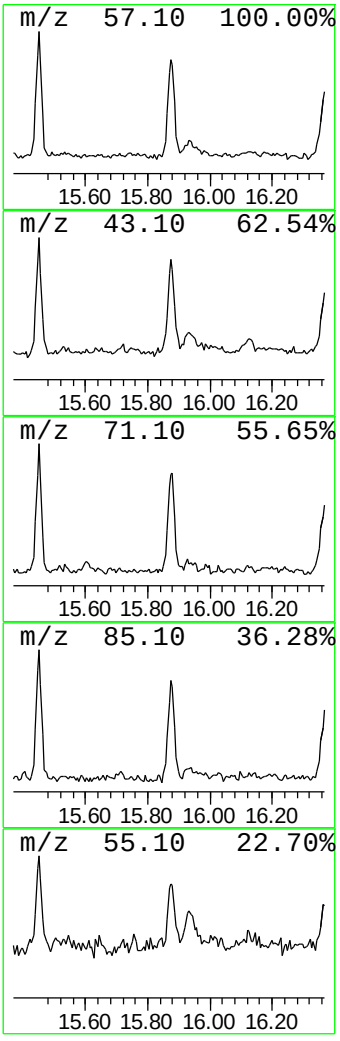
Peak Number 15 Tetratetracontane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	3.28 ng	253229	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	87
2	Docosane, 7-hexyl-	394	C28H58	055373-86-9	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	83
5	Tetracosane	338	C24H50	000646-31-1	83





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121118\
Data File : BF111288.D
Acq On : 11 Dec 2018 20:42
Operator : JU/SJ
Sample : J6157-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-3-DISSOLVED

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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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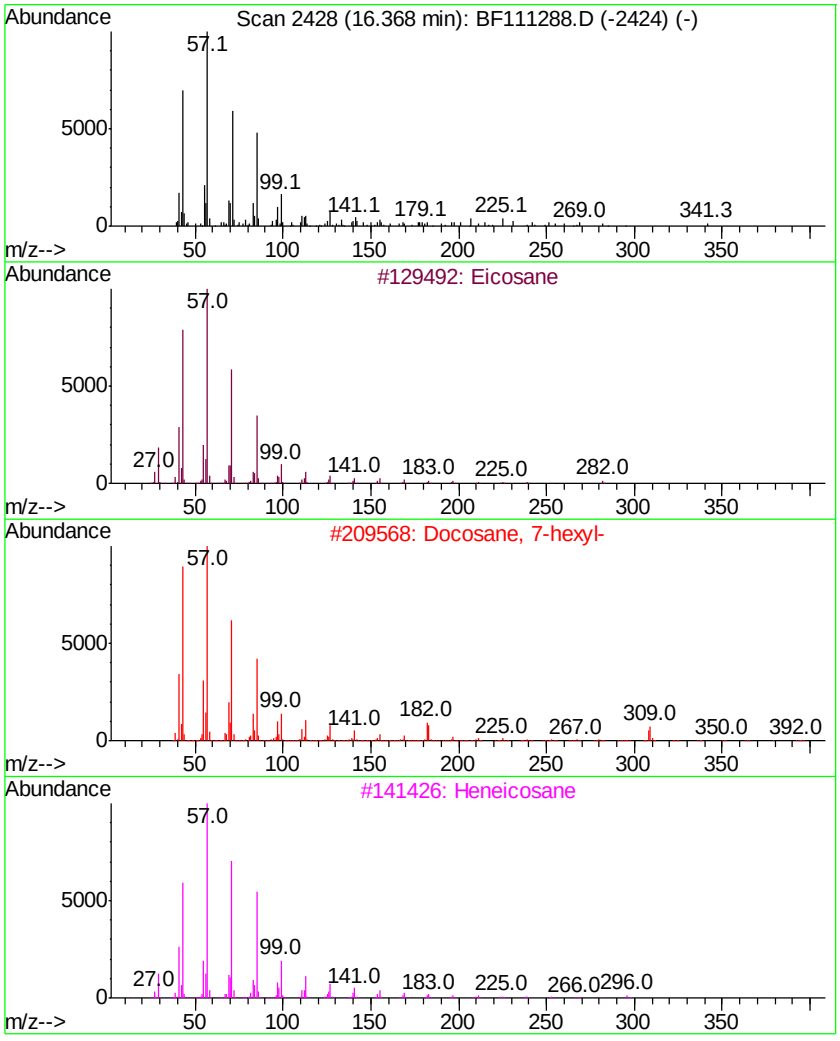
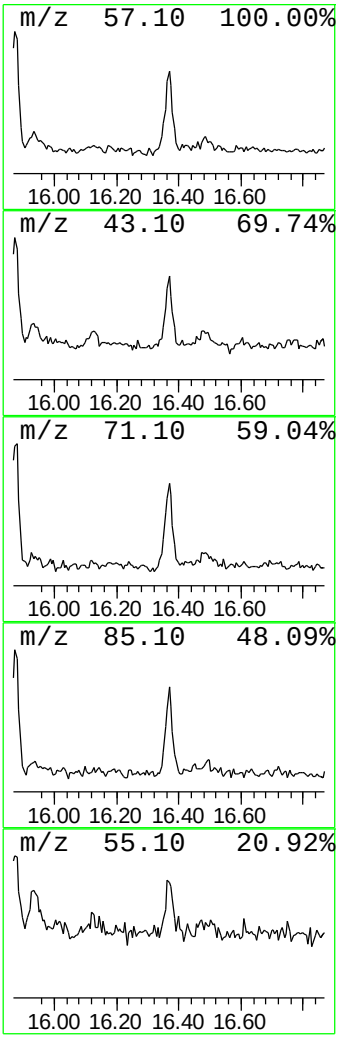
Peak Number 16 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	2.42 ng	186487	Perylene-d12	15.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Docosane, 7-hexyl-	394	C28H58	055373-86-9	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Tetracosane	338	C24H50	000646-31-1	86
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121118\
Data File : BF111288.D
Acq On : 11 Dec 2018 20:42
Operator : JU/SJ
Sample : J6157-06
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMPOSITE-3-DISSOLVED

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.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
1,3-Dioxolane, 2,...	2.82	6.7	ng	529798	1	6.80	1592050	20.0
3-Penten-2-one, 4...	4.36	9.1	ng	727070	1	6.80	1592050	20.0
2-Pentanone, 4-hy...	4.99	9.9	ng	787081	1	6.80	1592050	20.0
unknown6.56	6.56	42.0	ng	3343470	1	6.80	1592050	20.0
n-Hexadecanoic acid	11.86	25.4	ng	3526980	4	11.32	2780530	20.0
Bis(2-ethylhexyl)...	12.57	6.4	ng	886605	4	11.32	2780530	20.0
Octadecanoic acid	12.64	21.1	ng	2102520	5	13.95	1997720	20.0
Hexadecanoic acid...	13.74	7.9	ng	786431	5	13.95	1997720	20.0
Octacosanol	13.81	9.1	ng	908407	5	13.95	1997720	20.0
unknown14.38	14.38	19.7	ng	1969990	5	13.95	1997720	20.0
Tetracosane	14.74	2.6	ng	204596	6	15.40	1542880	20.0
2-methyloctacosane	15.08	3.0	ng	232333	6	15.40	1542880	20.0
Tetratetracontane	15.87	3.3	ng	253229	6	15.40	1542880	20.0
Eicosane	16.37	2.4	ng	186487	6	15.40	1542880	20.0