LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112446.D
Acq On : 7 Feb 2019 18:55
Operator : JU/SJ
Sample : K1385-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 98-SB-101-2-4

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-BF012519.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	12	rVB	108395	134306	3.60%	0.387%
2	5.057	502	505	520	rVB	105168	147479	3.95%	0.425%
3	5.469	572	575	599	rBV	2664364	2928344	78.45%	8.432%
4	6.487	743	748	765	rBV	2984301	3271795	87.65%	9.421%
5	6.610	765	769	777	rBV	3645738	3255023	87.20%	9.373%
6	6.828	803	806	815	rBV	876870	818269	21.92%	2.356%
7	6.986	829	833	837	rBV	2771695	2535899	67.94%	7.302%
8	7.398	898	903	914	rBV	1916814	1960402	52.52%	5.645%
9	8.116	1018	1025	1039	rBV	1077660	1104688	29.59%	3.181%
10	9.186	1202	1207	1218	rBV	4012686	3732748	100.00%	10.748%
11	9.580	1270	1274	1283	rVB	179353	171909	4.61%	0.495%
12	9.869	1319	1323	1327	rBV	1364804	1190399	31.89%	3.428%
13	10.292	1388	1395	1398	rBV3	43770	46838	1.25%	0.135%
14	10.663	1454	1458	1468	rBV	2470486	2279481	61.07%	6.564%
15	10.763	1472	1475	1484	rVB3	48990	72725	1.95%	0.209%
16	11.357	1572	1576	1578	rBV	1278727	1094095	29.31%	3.150%
17	11.380	1578	1580	1586	rVV	283177	251011	6.72%	0.723%
18	11.433	1586	1589	1592	rVV	50208	44578	1.19%	0.128%
19	11.880	1657	1665	1673	rBV3	696196	826564	22.14%	2.380%
20	11.969	1677	1680	1683	rBV	61950	68466	1.83%	0.197%
21	12.463	1762	1764	1767	rVB	72291	61362	1.64%	0.177%
22	12.574	1779	1783	1787	rBV	568003	567830	15.21%	1.635%
23	12.663	1795	1798	1804	rBV2	241036	247983	6.64%	0.714%
24	12.739	1810	1811	1815	rVB3	42011	38901	1.04%	0.112%
25	12.798	1815	1821	1825	rBV	482466	536431	14.37%	1.545%
26	12.939	1840	1845	1848	rBV	3439040	3009231	80.62%	8.665%
27	13.027	1854	1860	1864	rBV2	34589	66829	1.79%	0.192%
28	13.110	1870	1874	1875	rBV4	33309	40620	1.09%	0.117%
29	13.133	1875	1878	1880	rVV	65010	72727	1.95%	0.209%
30	13.157	1880	1882	1886	rVV5	52933	51521	1.38%	0.148%
31	13.198	1886	1889	1891	rVV	44461	41240	1.10%	0.119%
32	13.233	1891	1895	1899	rVB2	45952	59115	1.58%	0.170%
33	13.504	1936	1941	1943	rBV4	30725	44348	1.19%	0.128%
34	13.645	1962	1965	1970	rVB	45462	45192	1.21%	0.130%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112446.D
Acq On : 7 Feb 2019 18:55
Operator : JU/SJ
Sample : K1385-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 98-SB-101-2-4

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-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.751	1980	1983	1985	rBV	53527	55780	1.49%	0.161%
36	13.821	1990	1995	1999	rBV4	207777	291261	7.80%	0.839%
37	13.998	2021	2025	2028	rBV2	992653	1174566	31.47%	3.382%
38	14.027	2028	2030	2034	rVB	240254	199509	5.34%	0.574%
39	14.145	2047	2050	2058	rBV4	51201	83089	2.23%	0.239%
40	14.386	2089	2091	2095	rVB	47405	42523	1.14%	0.122%
41	14.451	2099	2102	2106	rVB3	78187	98115	2.63%	0.283%
42	14.751	2150	2153	2158	rVB	92127	84898	2.27%	0.244%
43	15.045	2199	2203	2206	rBV	221890	323140	8.66%	0.930%
44	15.157	2219	2222	2226	rBV	41437	51550	1.38%	0.148%
45	15.345	2251	2254	2261	rVB	118605	143128	3.83%	0.412%
46	15.409	2261	2265	2270	rBV	177326	220285	5.90%	0.634%
47	15.468	2270	2275	2280	rBV	625762	858346	23.00%	2.472%
48	15.886	2343	2346	2350	rVB2	71820	93017	2.49%	0.268%
49	16.956	2523	2528	2535	rVB2	94872	190731	5.11%	0.549%

Sum of corrected areas: 34728287

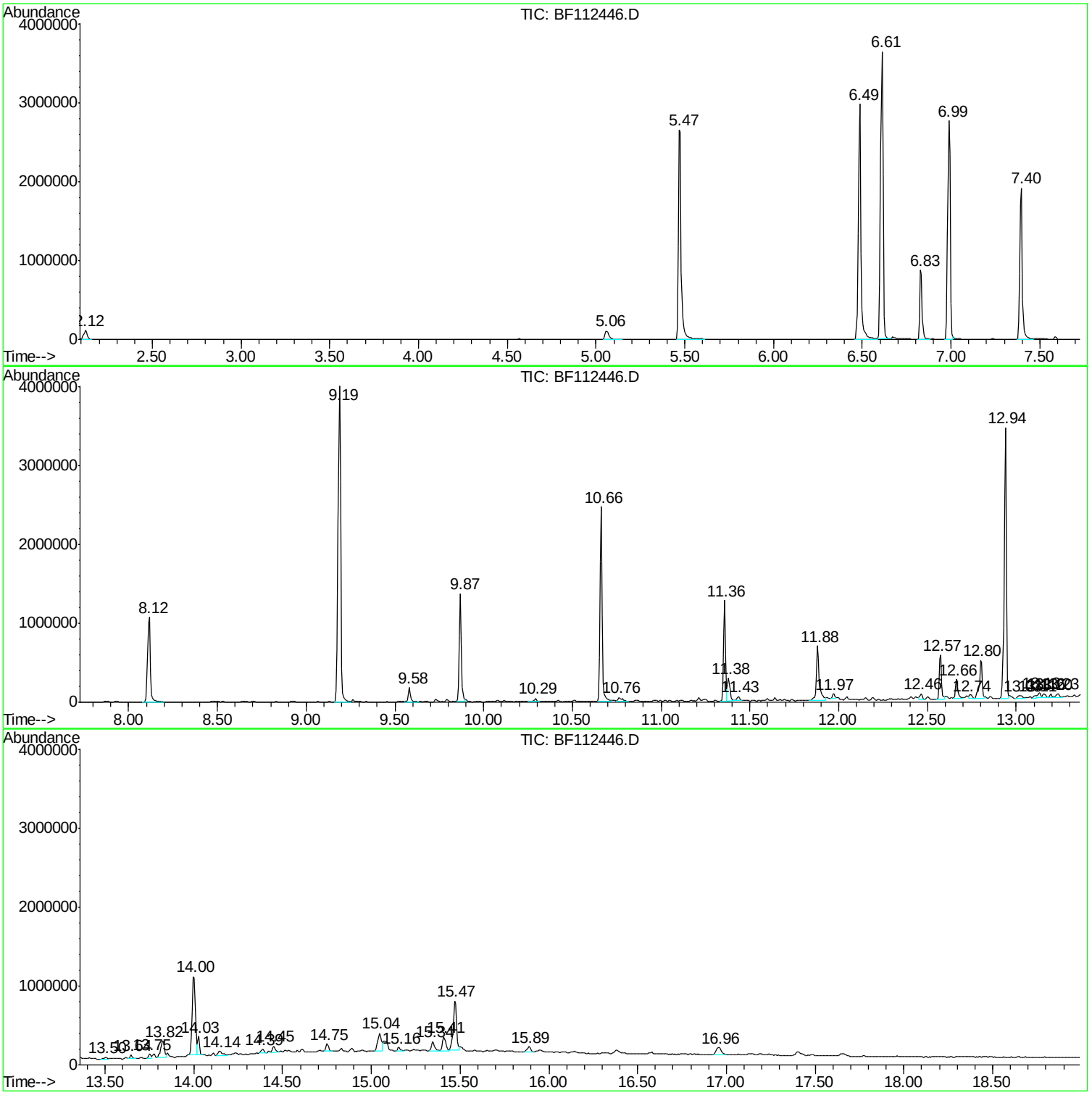
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112446.D
Acq On : 7 Feb 2019 18:55
Operator : JU/SJ
Sample : K1385-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 98-SB-101-2-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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\BF020719\
Data File : BF112446.D
Acq On : 7 Feb 2019 18:55
Operator : JU/SJ
Sample : K1385-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 98-SB-101-2-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

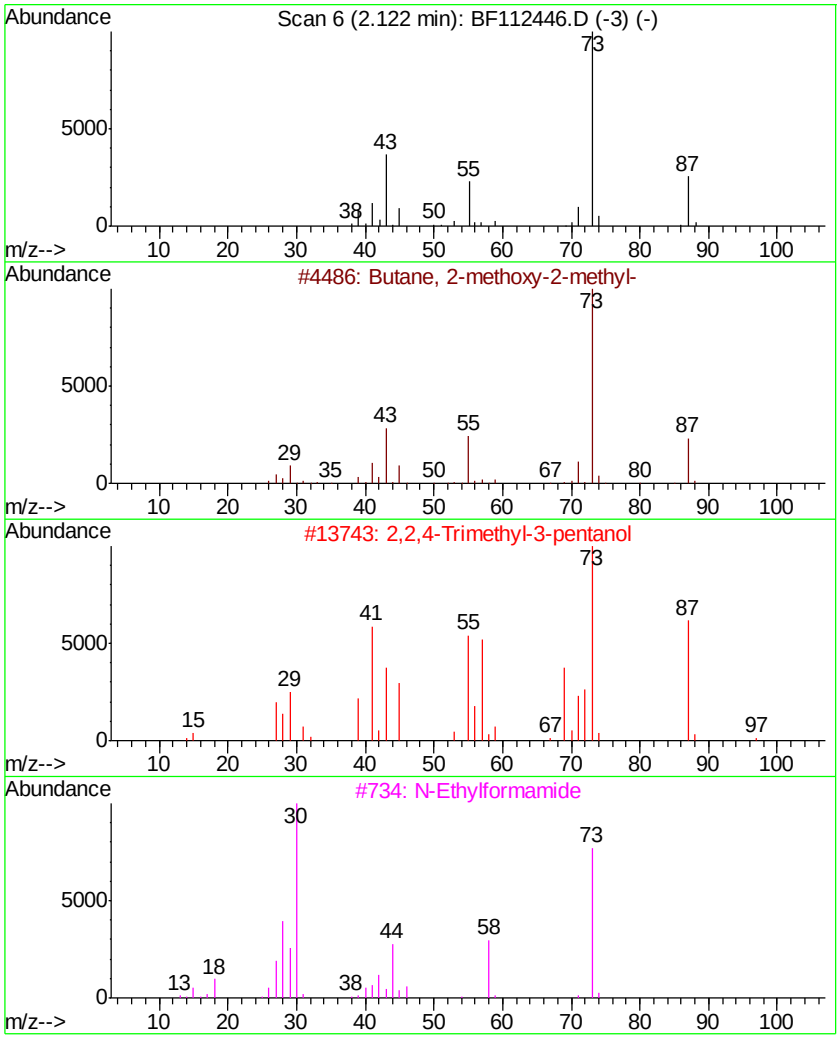
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

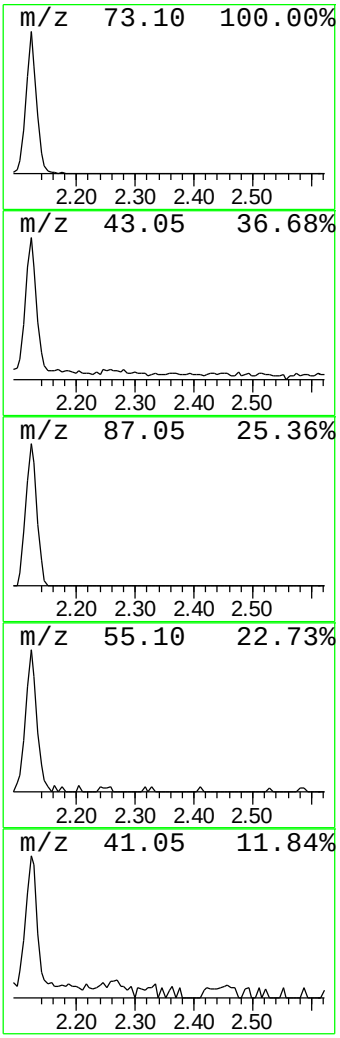
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	3.28 ng	134306	1,4-Dichlorobenzene-d4	6.83

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	43
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112446.D
Acq On : 7 Feb 2019 18:55
Operator : JU/SJ
Sample : K1385-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 98-SB-101-2-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

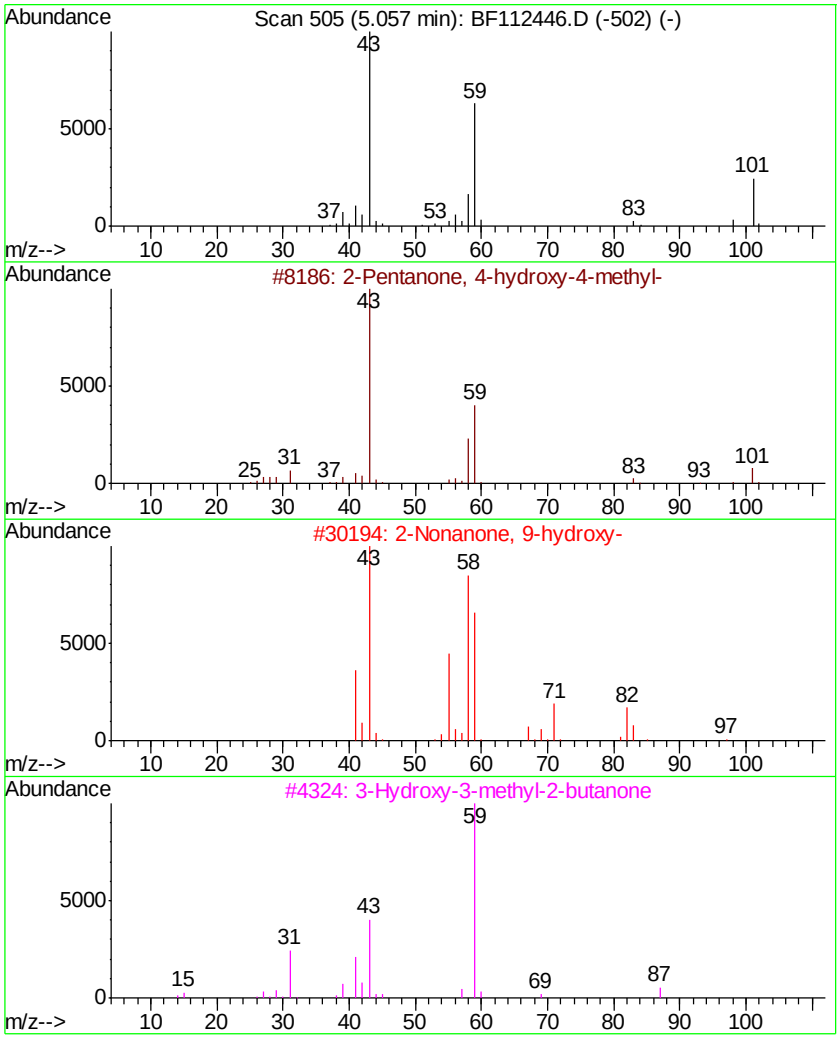
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

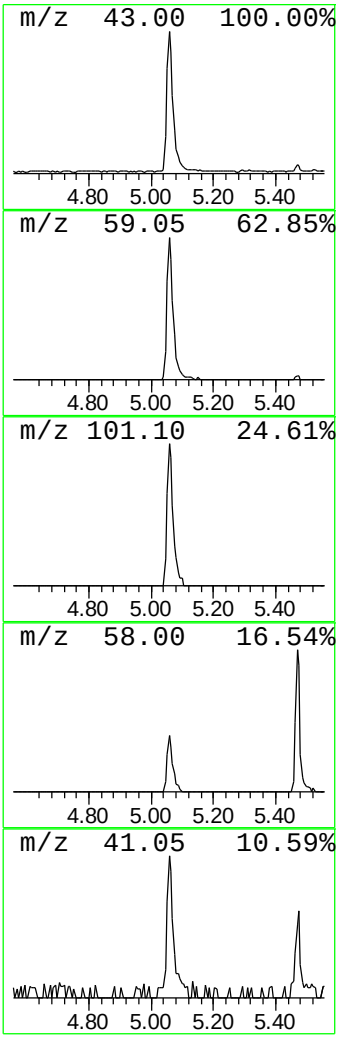
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.06	3.60 ng	147479	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112446.D
Acq On : 7 Feb 2019 18:55
Operator : JU/SJ
Sample : K1385-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 98-SB-101-2-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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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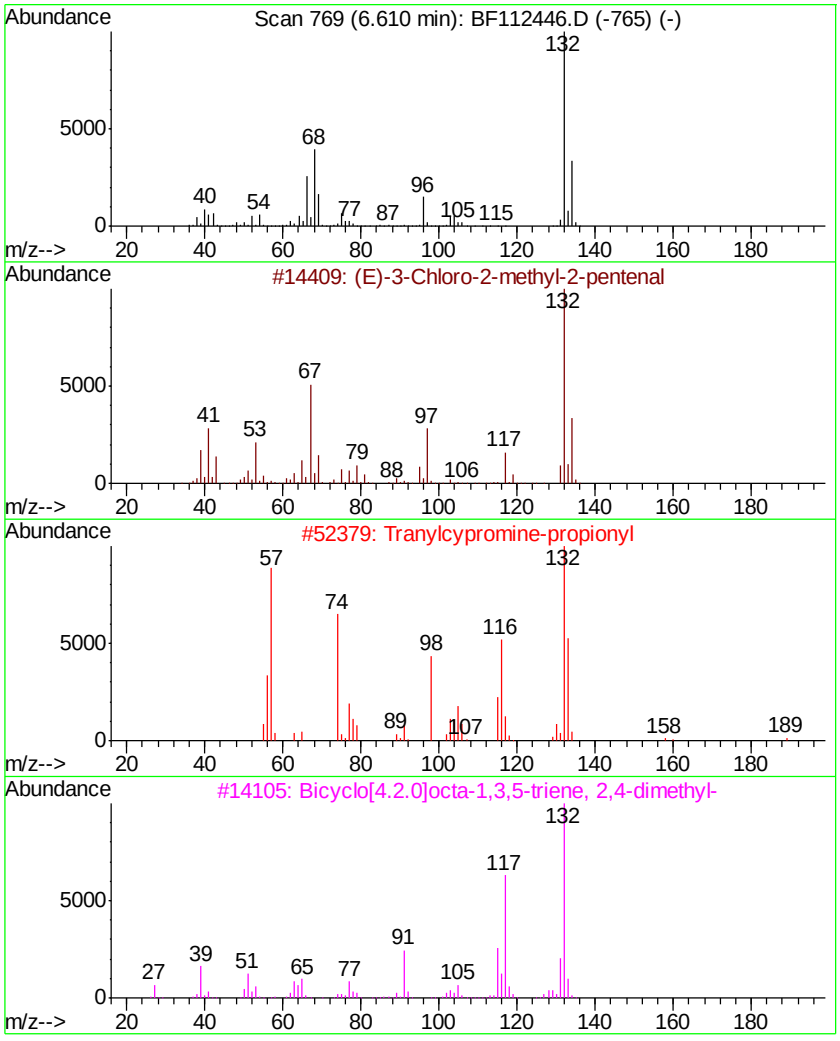
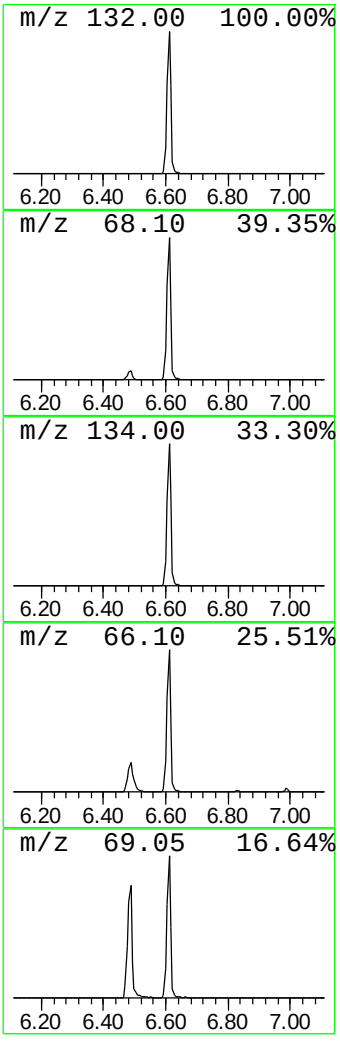
Peak Number 3 unknown6.61 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	79.56 ng	3255020	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112446.D
Acq On : 7 Feb 2019 18:55
Operator : JU/SJ
Sample : K1385-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 98-SB-101-2-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

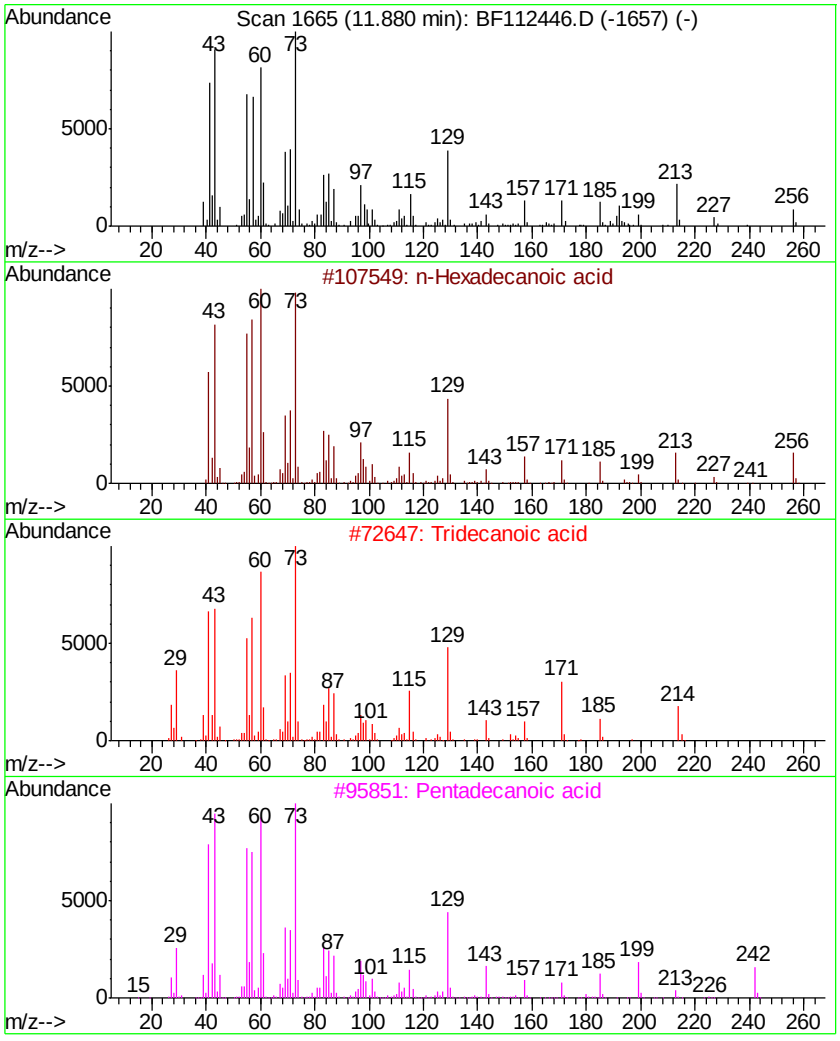
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

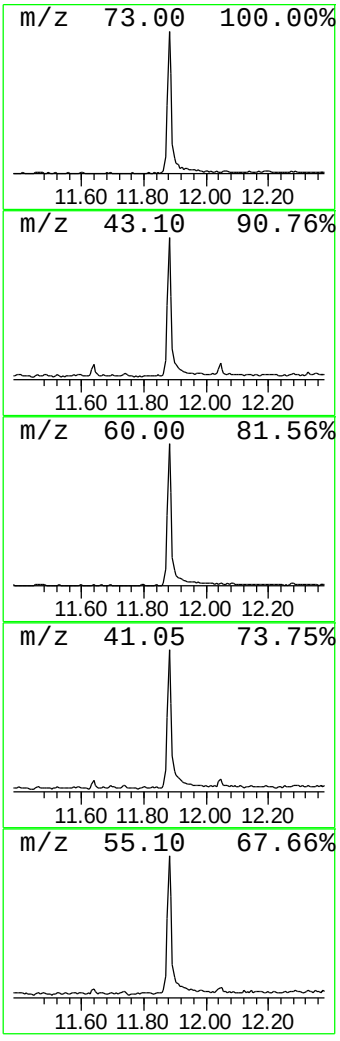
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	15.11 ng	826564	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	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112446.D
Acq On : 7 Feb 2019 18:55
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Misc :
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Instrument : BNA_F
ClientSampleId : 98-SB-101-2-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

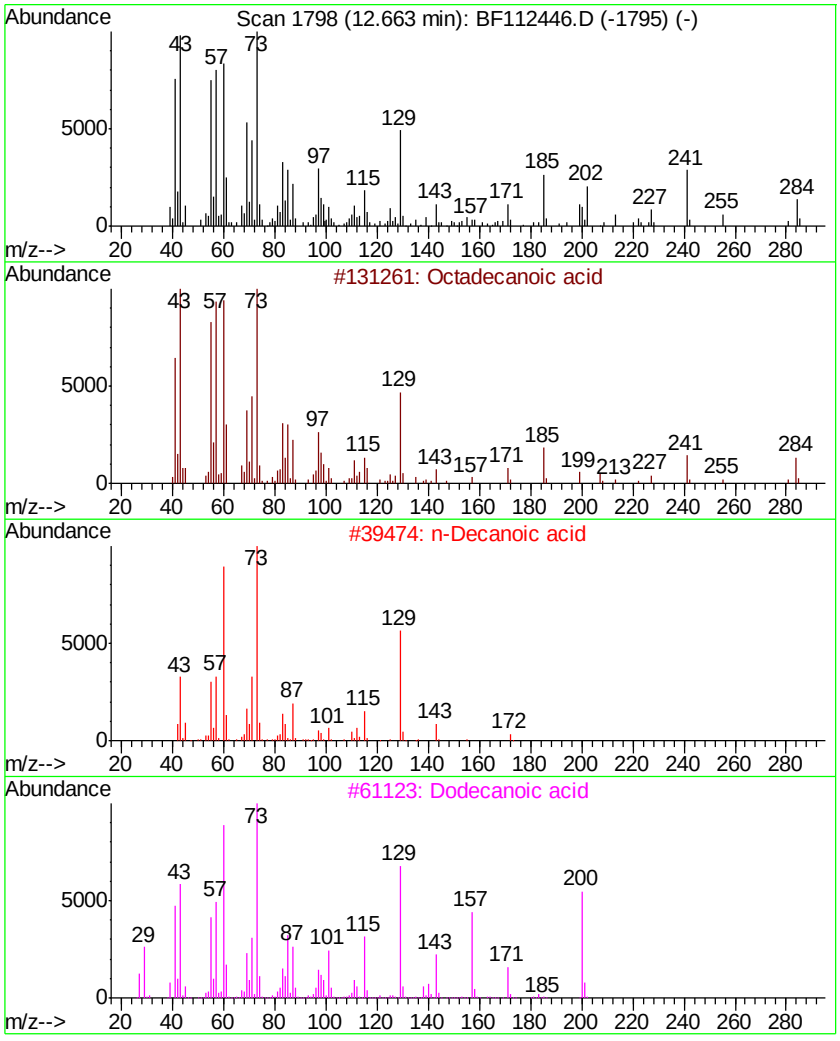
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

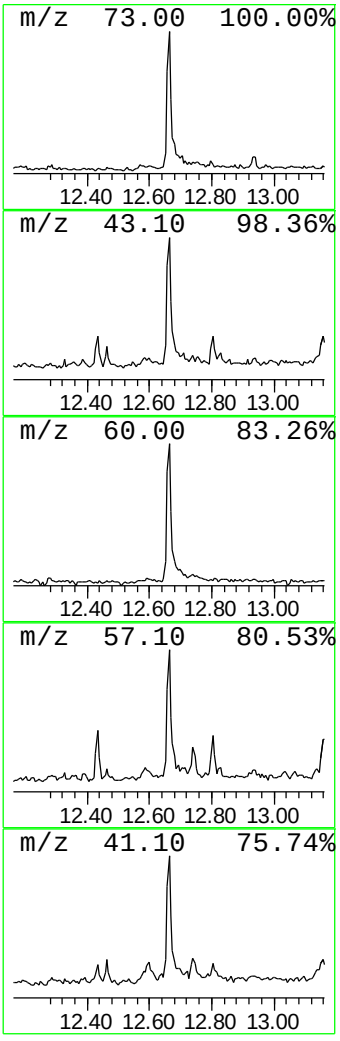
****

Peak Number 6 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	4.53 ng	247983	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	90
3	Dodecanoic acid	200	C12H24O2	000143-07-7	86
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	68





Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112446.D
Acq On : 7 Feb 2019 18:55
Operator : JU/SJ
Sample : K1385-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 98-SB-101-2-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

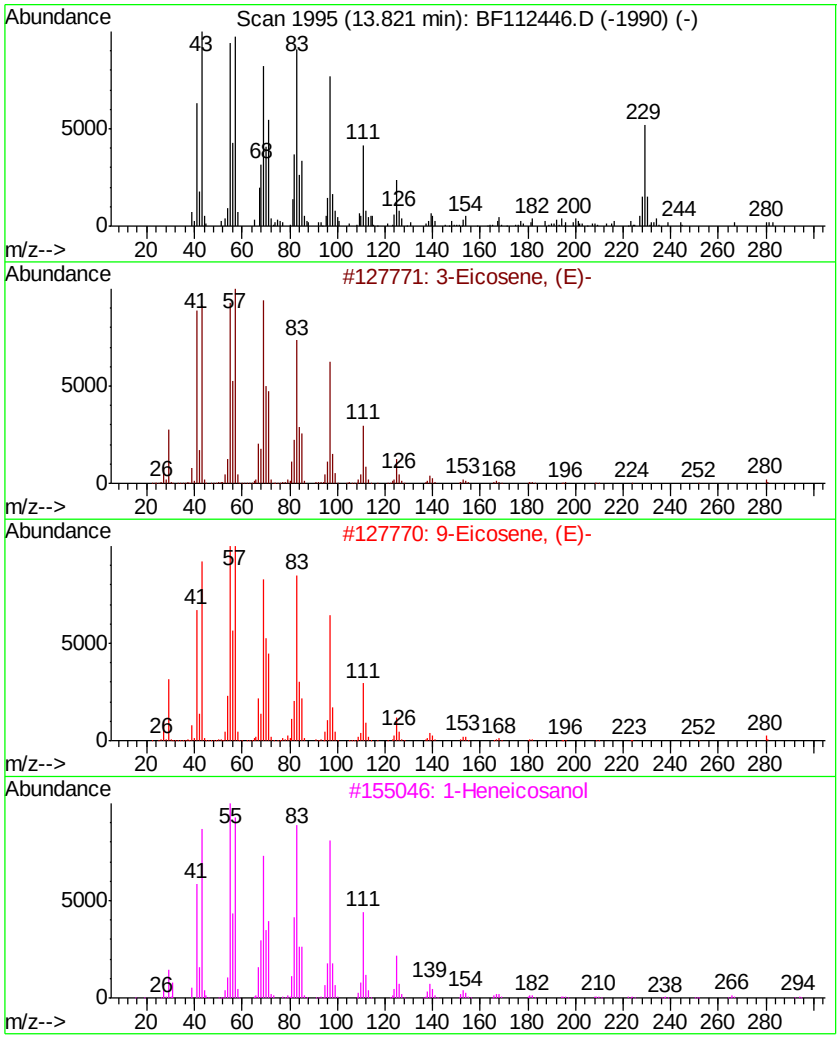
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

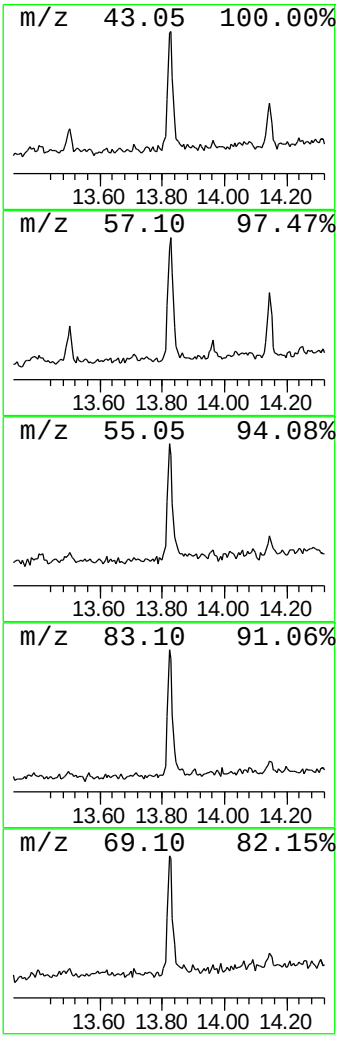
****

Peak Number 7 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	4.96 ng	291261	Chrysene-d12	14.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
3	1-Heneicosanol	312	C21H44O	015594-90-8	91
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	91
5	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90





Library Search Compound Report

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Data File : BF112446.D
Acq On : 7 Feb 2019 18:55
Operator : JU/SJ
Sample : K1385-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
98-SB-101-2-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

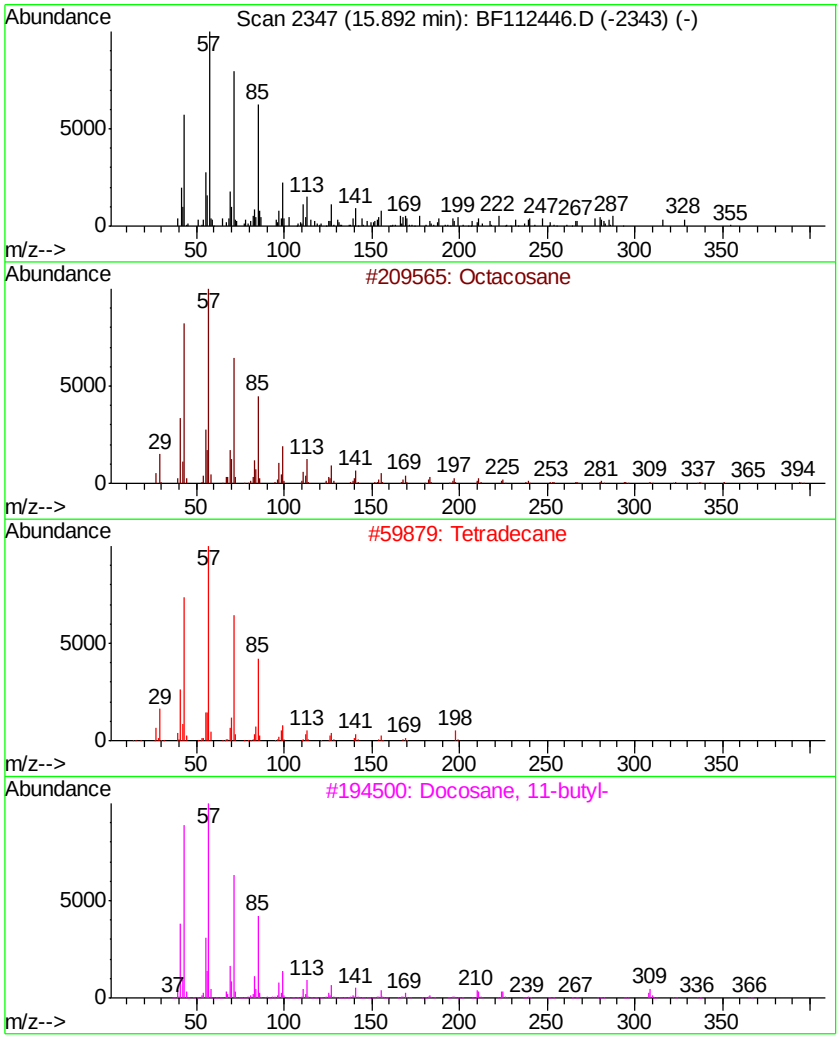
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

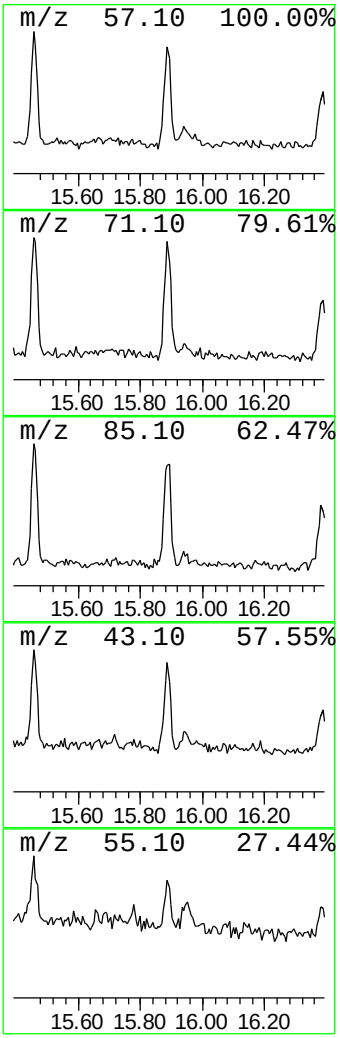
****

Peak Number 9 Octacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	2.17 ng	93017	Perylene-d12	15.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	81
2	Tetradecane	198	C14H30	000629-59-4	76
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	74
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	74
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF020719\
Data File : BF112446.D
Acq On : 7 Feb 2019 18:55
Operator : JU/SJ
Sample : K1385-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 98-SB-101-2-4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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	3.3	ng	134306	1	6.83	818269	20.0
2-Pentanone, 4-hy...	5.06	3.6	ng	147479	1	6.83	818269	20.0
unknown6.61	6.61	79.6	ng	3255020	1	6.83	818269	20.0
n-Hexadecanoic acid	11.88	15.1	ng	826564	4	11.36	1094100	20.0
Octadecanoic acid	12.66	4.5	ng	247983	4	11.36	1094100	20.0
3-Eicosene, (E)-	13.82	5.0	ng	291261	5	14.00	1174570	20.0
Octacosane	15.89	2.2	ng	93017	6	15.47	858346	20.0