LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096122.D
Acq On : 22 Jun 2017 15:12
Operator : SJ/MA
Sample : I3697-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-001-C

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:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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	1.546	8	10	49	rVB	966858	1929127	100.00%	17.926%
2	3.334	310	314	340	rBV3	22840	105460	5.47%	0.980%
3	4.404	492	496	515	rBV	57026	156389	8.11%	1.453%
4	5.263	639	642	645	rBV3	15406	27240	1.41%	0.253%
5	6.904	918	921	929	rBV2	58344	156402	8.11%	1.453%
6	6.969	929	932	937	rBV	80727	151173	7.84%	1.405%
7	7.275	980	984	997	rBV	335879	488998	25.35%	4.544%
8	7.516	1021	1025	1040	rBV	165094	270878	14.04%	2.517%
9	8.222	1142	1145	1159	rBV	56749	160149	8.30%	1.488%
10	8.328	1160	1163	1172	rVB3	15606	29451	1.53%	0.274%
11	9.310	1326	1330	1343	rBV	517507	804654	41.71%	7.477%
12	9.410	1345	1347	1352	rVB3	15646	20657	1.07%	0.192%
13	10.398	1512	1515	1521	rVB2	18173	21414	1.11%	0.199%
14	11.086	1628	1632	1645	rBV	351213	509966	26.44%	4.739%
15	11.316	1666	1671	1680	rVB2	27846	41901	2.17%	0.389%
16	11.798	1748	1753	1756	rBV	37654	51352	2.66%	0.477%
17	11.833	1756	1759	1763	rVB3	22281	28753	1.49%	0.267%
18	12.127	1804	1809	1815	rBV2	613251	839678	43.53%	7.802%
19	12.180	1815	1818	1826	rVB3	46534	74975	3.89%	0.697%
20	12.504	1870	1873	1879	rBV3	10909	21924	1.14%	0.204%
21	12.698	1902	1906	1912	rVV6	10586	20818	1.08%	0.193%
22	12.904	1935	1941	1945	rVB	23707	31579	1.64%	0.293%
23	12.986	1951	1955	1960	rBV2	33303	40694	2.11%	0.378%
24	13.045	1960	1965	1970	rVB2	24234	36396	1.89%	0.338%
25	13.345	2008	2016	2020	rBV5	21573	42066	2.18%	0.391%
26	13.763	2081	2087	2088	rBV	31273	43140	2.24%	0.401%
27	14.486	2207	2210	2213	rBV	26643	29986	1.55%	0.279%
28	14.527	2213	2217	2221	rVV	464055	641123	33.23%	5.957%
29	14.563	2221	2223	2234	rVB	140950	216694	11.23%	2.014%
30	14.674	2238	2242	2254	rVB	28032	52685	2.73%	0.490%
31	15.174	2323	2327	2330	rBV	27728	31882	1.65%	0.296%
32	15.215	2330	2334	2344	rVB2	65176	92716	4.81%	0.862%
33	15.333	2349	2354	2360	rBV3	28282	53583	2.78%	0.498%
34	15.392	2360	2364	2373	rVB	23473	33828	1.75%	0.314%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096122.D
Acq On : 22 Jun 2017 15:12
Operator : SJ/MA
Sample : I3697-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-001-C

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:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.498	2373	2382	2386	rBV2	23430	51952	2.69%	0.483%
36	15.545	2387	2390	2398	rVB3	24501	47093	2.44%	0.438%
37	15.786	2426	2431	2437	rBV2	26490	47568	2.47%	0.442%
38	16.162	2489	2495	2497	rBV4	18709	30014	1.56%	0.279%
39	16.304	2516	2519	2522	rBV	69594	73725	3.82%	0.685%
40	16.339	2522	2525	2527	rVV2	93099	117717	6.10%	1.094%
41	16.362	2527	2529	2536	rVB	152478	167788	8.70%	1.559%
42	16.474	2544	2548	2554	rBV8	18045	23385	1.21%	0.217%
43	16.662	2573	2580	2588	rBV	162404	245891	12.75%	2.285%
44	16.774	2595	2599	2608	rVB	85879	105513	5.47%	0.980%
45	16.845	2608	2611	2614	rBV2	34093	42329	2.19%	0.393%
46	16.880	2614	2617	2619	rVV2	21853	28993	1.50%	0.269%
47	16.909	2619	2622	2629	rVB	280784	323367	16.76%	3.005%
48	16.998	2632	2637	2643	rBV10	18235	44890	2.33%	0.417%
49	17.115	2652	2657	2659	rBV7	18169	27986	1.45%	0.260%
50	17.145	2659	2662	2668	rVB4	15267	25611	1.33%	0.238%
51	17.280	2681	2685	2688	rBV5	24149	37674	1.95%	0.350%
52	17.321	2689	2692	2695	rVB2	31539	33730	1.75%	0.313%
53	17.704	2754	2757	2760	rBV	62490	67850	3.52%	0.630%
54	17.768	2764	2768	2770	rBV	42582	44800	2.32%	0.416%
55	18.186	2836	2839	2843	rVB3	49497	60751	3.15%	0.565%
56	18.262	2847	2852	2857	rBV2	438601	609340	31.59%	5.662%
57	18.339	2861	2865	2870	rVB	382166	444600	23.05%	4.131%
58	18.592	2904	2908	2911	rBV2	42909	52275	2.71%	0.486%
59	18.974	2970	2973	2976	rVB2	52967	52474	2.72%	0.488%
60	19.345	3034	3036	3040	rVB	53787	48589	2.52%	0.451%
61	19.545	3067	3070	3074	rBV	62811	89607	4.64%	0.833%
62	19.698	3093	3096	3099	rBV	48125	50130	2.60%	0.466%
63	19.898	3127	3130	3134	rBV	47958	68907	3.57%	0.640%
64	19.939	3134	3137	3146	rVB	334550	439490	22.78%	4.084%

Sum of corrected areas: 10761770

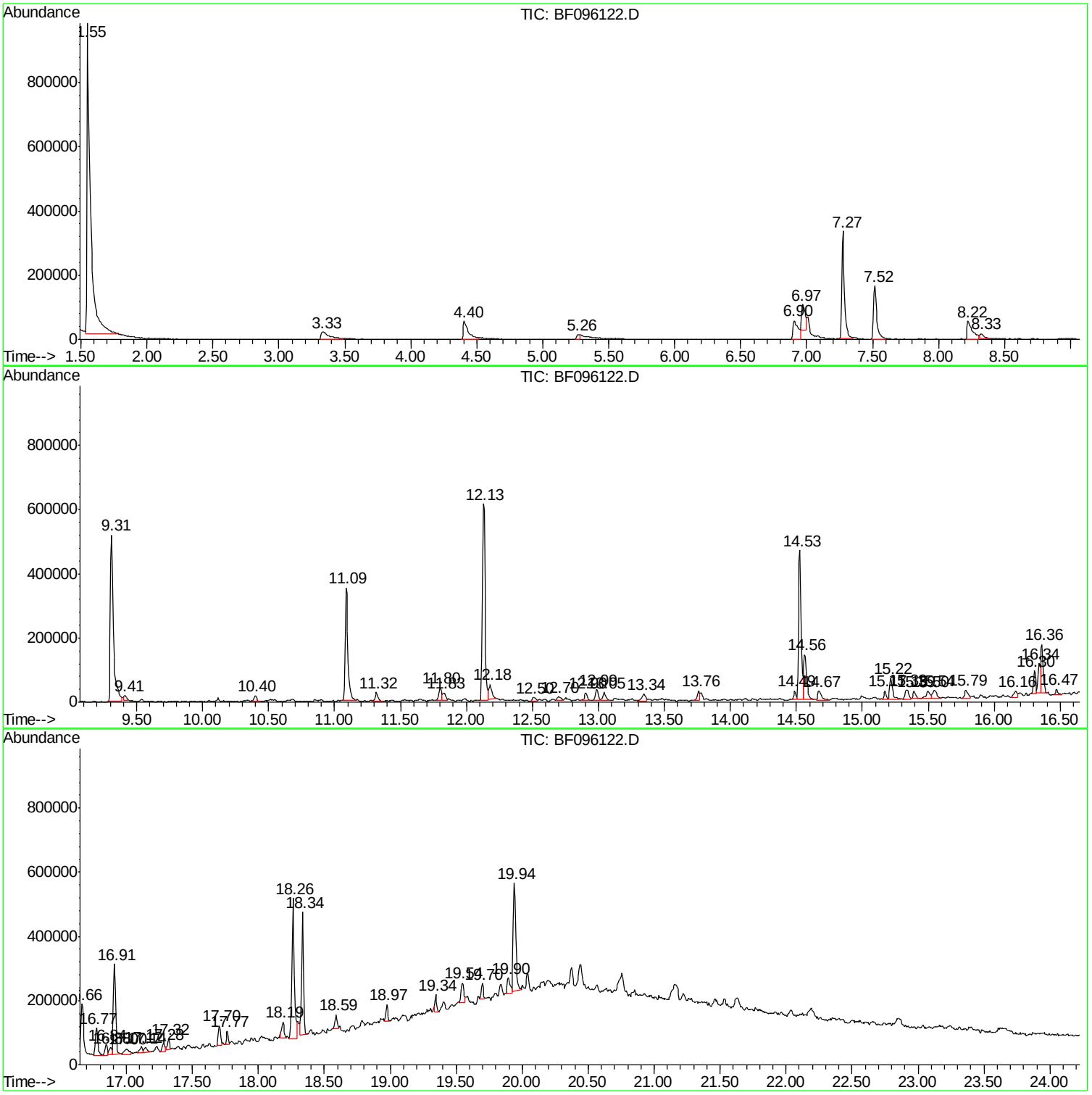
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096122.D
Acq On : 22 Jun 2017 15:12
Operator : SJ/MA
Sample : I3697-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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Data File : BF096122.D
Acq On : 22 Jun 2017 15:12
Operator : SJ/MA
Sample : I3697-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-001-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

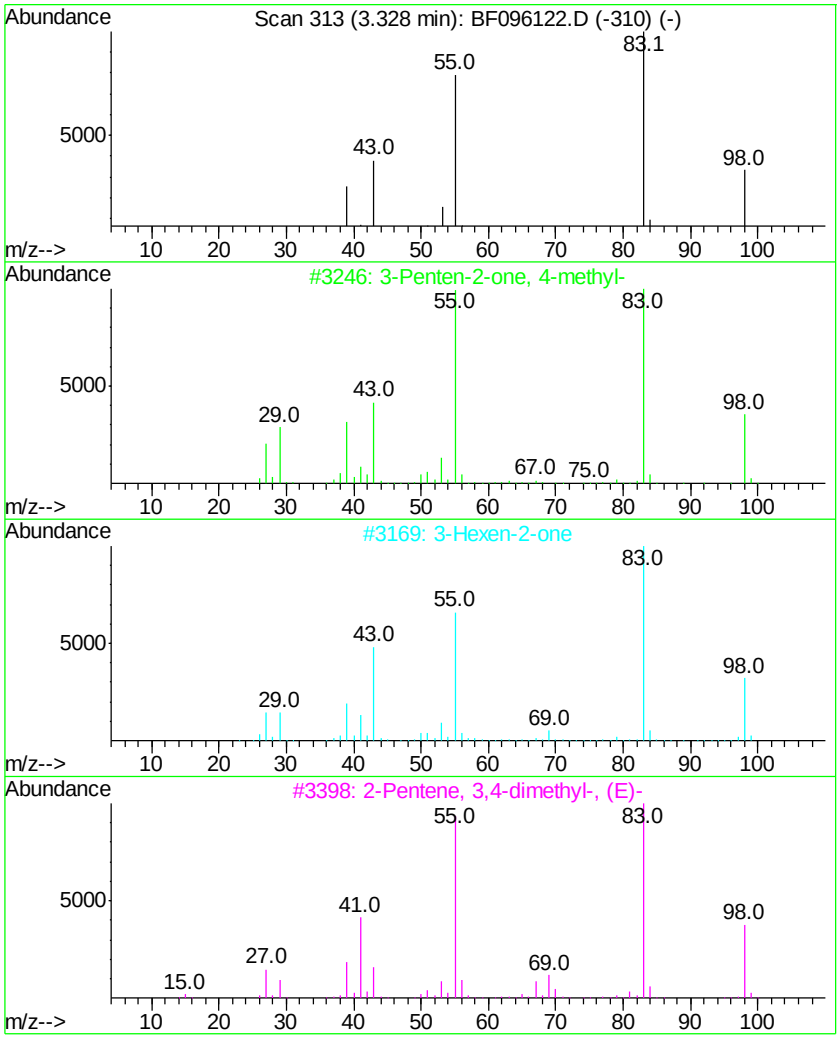
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

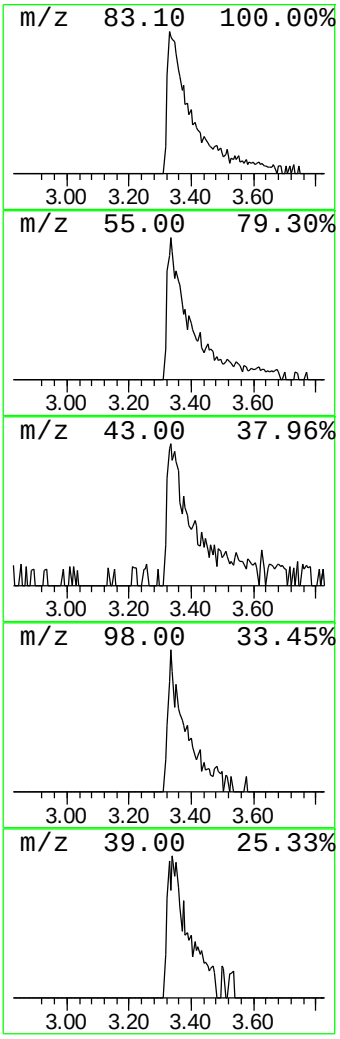
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	4.31 ng	105460	1,4-Dichlorobenzene-d4	7.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
2	3-Hexen-2-one	98	C6H10O	000763-93-9	83
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	78
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	72
5	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	64





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Data File : BF096122.D
Acq On : 22 Jun 2017 15:12
Operator : SJ/MA
Sample : I3697-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-001-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

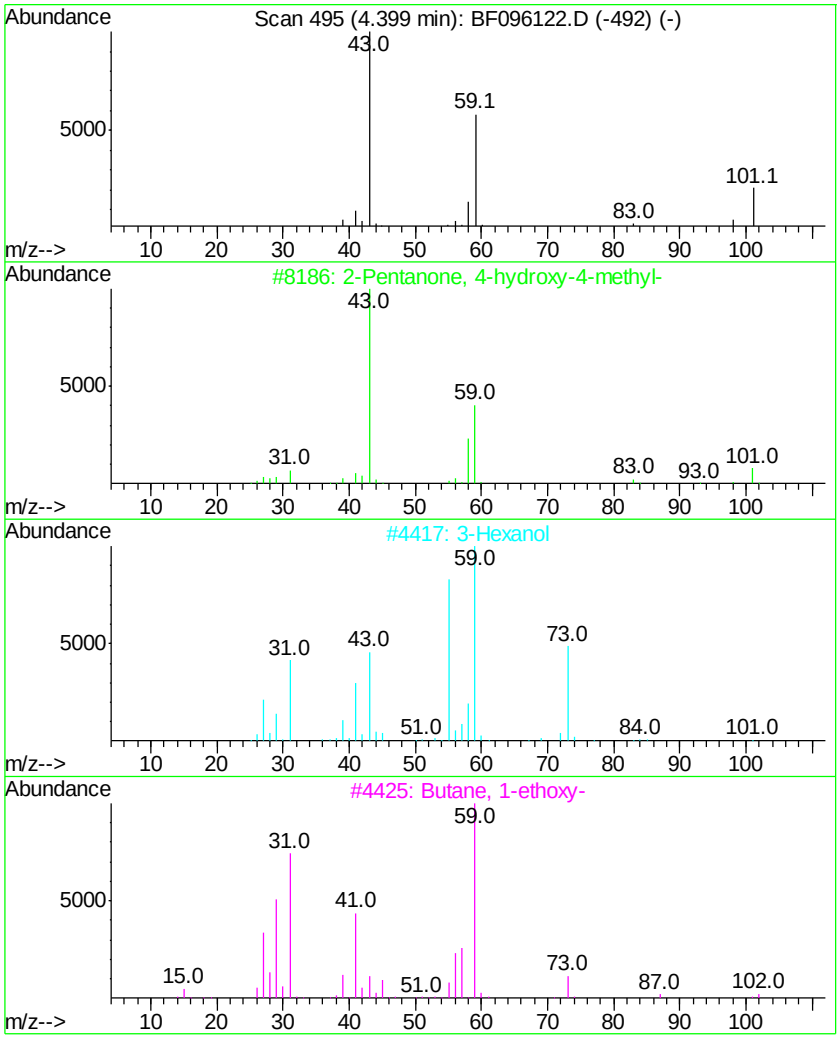
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

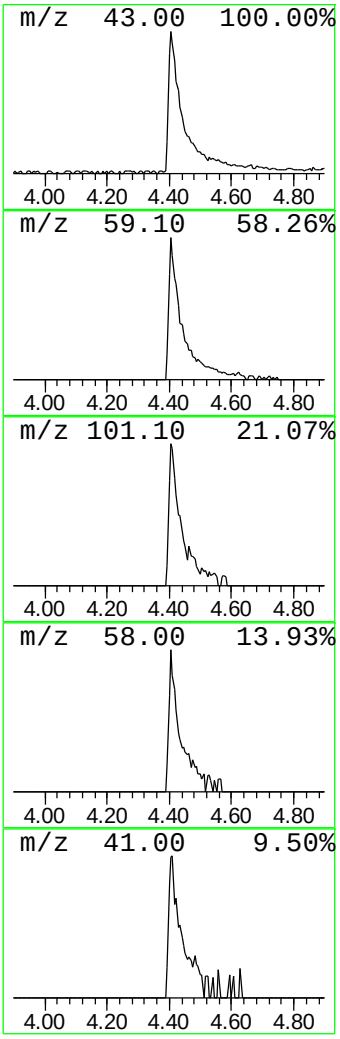
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	6.40 ng	156389	1,4-Dichlorobenzene-d4	7.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol	102	C6H14O	000623-37-0	33
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096122.D
Acq On : 22 Jun 2017 15:12
Operator : SJ/MA
Sample : I3697-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-001-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

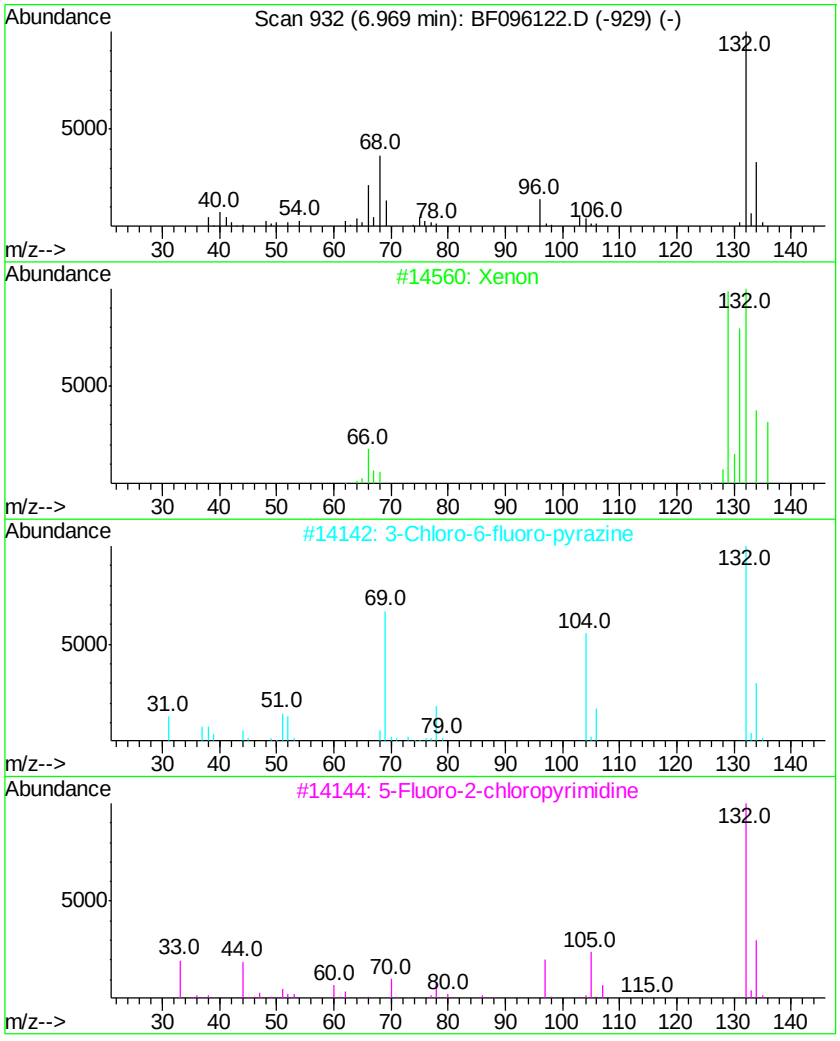
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

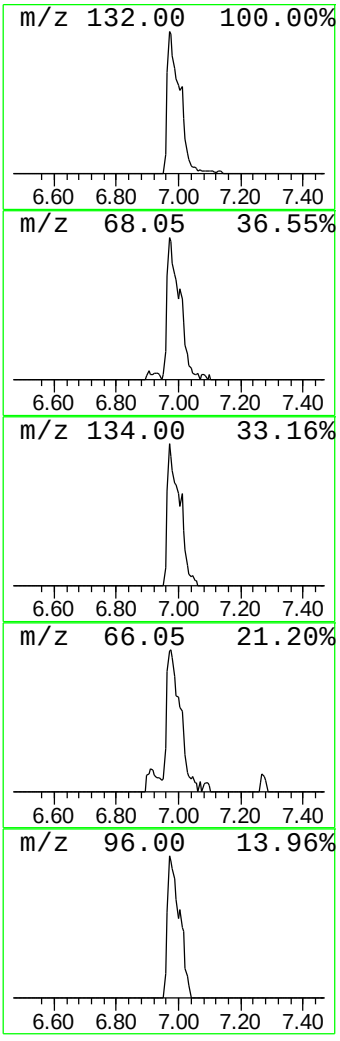
****

Peak Number 4 unknown6.97 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	6.18 ng	151173	1,4-Dichlorobenzene-d4	7.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Xenon	132	Xe	007440-63-3	45
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
4	N-(-phenylisopropyl)benzaldimine	223	C16H17N	1000379-01-3	12
5	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	9





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096122.D
Acq On : 22 Jun 2017 15:12
Operator : SJ/MA
Sample : I3697-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-001-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

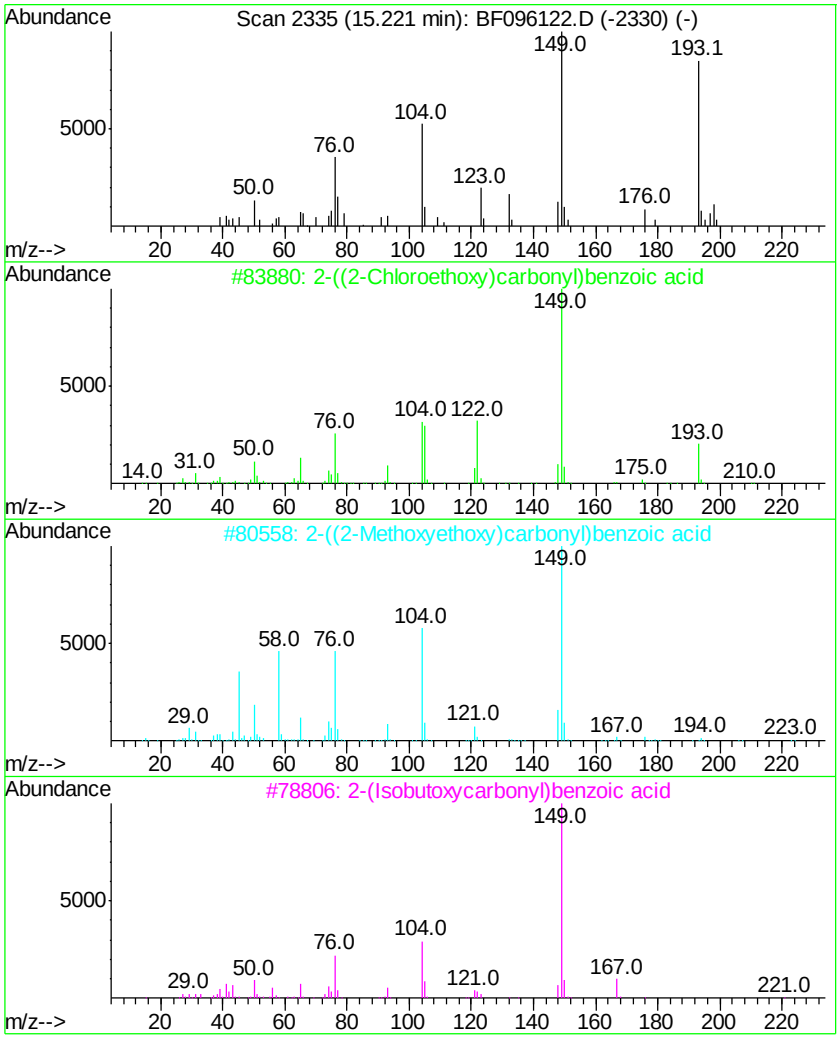
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

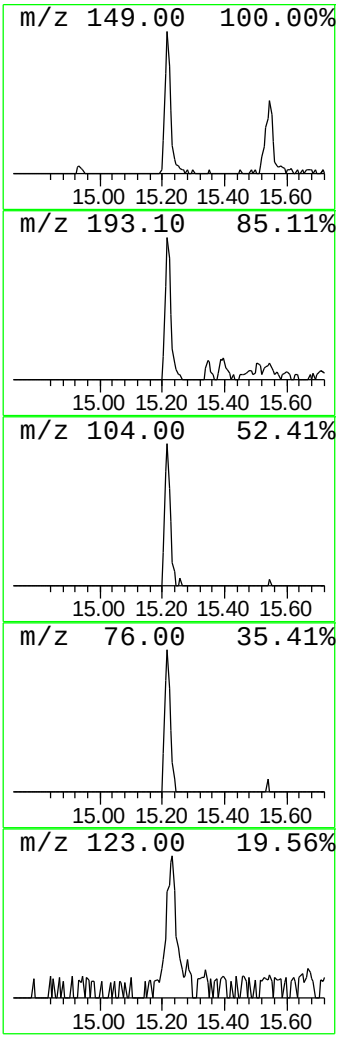
****

Peak Number 6 unknown15.22 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.22	2.89 ng	92716	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-((2-Chloroethoxy)carbonyl)benz...	228	C10H9ClO4	1000373-53-5	45
2	2-((2-Methoxyethoxy)carbonyl)ben...	224	C11H12O5	1000373-52-0	43
3	2-(Isobutoxycarbonyl)benzoic acid	222	C12H14O4	1000373-52-8	37
4	2-((Prop-2-ynyloxy)carbonyl)benz...	204	C11H8O4	1000373-53-6	37
5	Benzeneethenylamine, 3,4-dihydro...	193	C11H15NO2	1000124-87-0	27





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096122.D
Acq On : 22 Jun 2017 15:12
Operator : SJ/MA
Sample : I3697-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-001-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

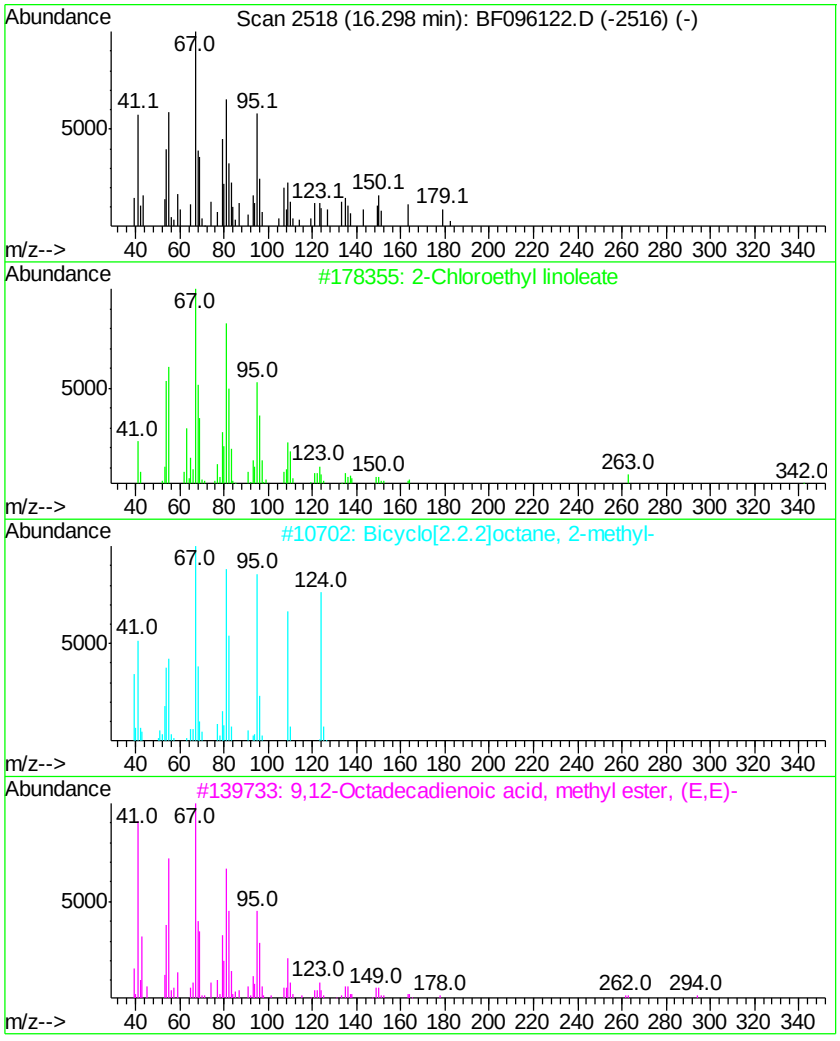
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

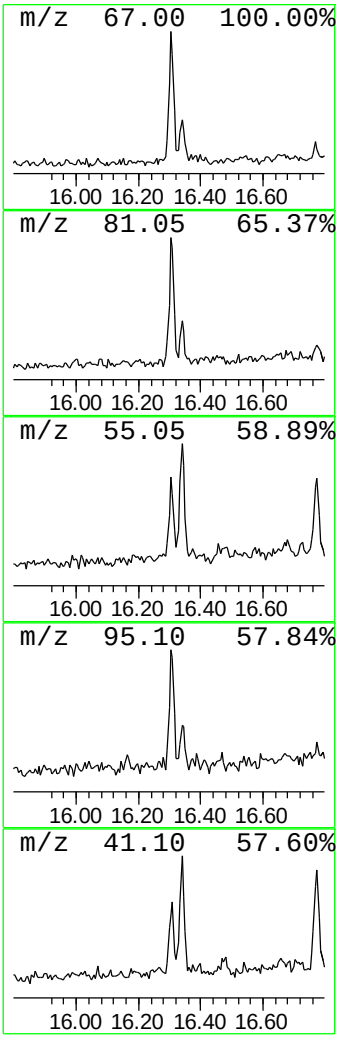
****

Peak Number 7 2-Chloroethyl linoleate Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.30	2.30 ng	73725	Phenanthrene-d10	14.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	90
2	Bicyclo[2.2.2]octane, 2-methyl-	124	C9H16	000766-53-0	83
3	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	81
4	8-Hexadecyne	222	C16H30	019781-86-3	74
5	1-Tetradecyne	194	C14H26	000765-10-6	72





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096122.D
Acq On : 22 Jun 2017 15:12
Operator : SJ/MA
Sample : I3697-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-001-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

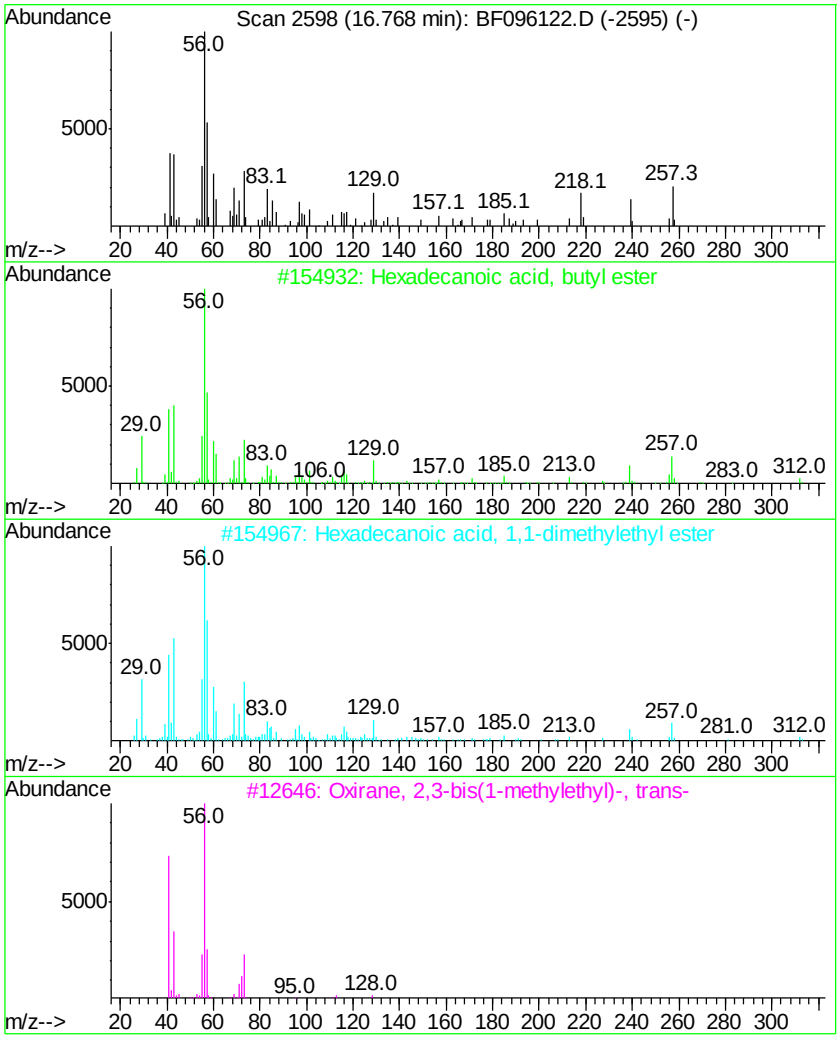
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

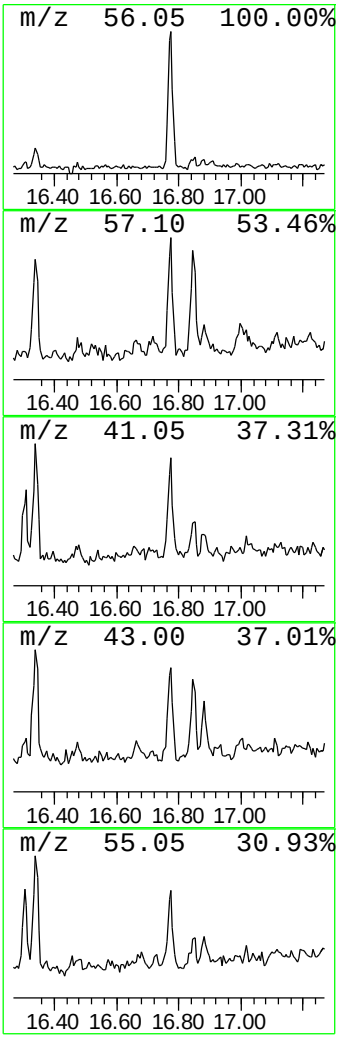
****

Peak Number 8 Hexadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.77	3.46 ng	105513	Chrysene-d12	18.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	64
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	53
3	Oxirane, 2,3-bis(1-methylethyl)-...	128	C8H16O	054644-32-5	35
4	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	32
5	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	27





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096122.D
Acq On : 22 Jun 2017 15:12
Operator : SJ/MA
Sample : I3697-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-001-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

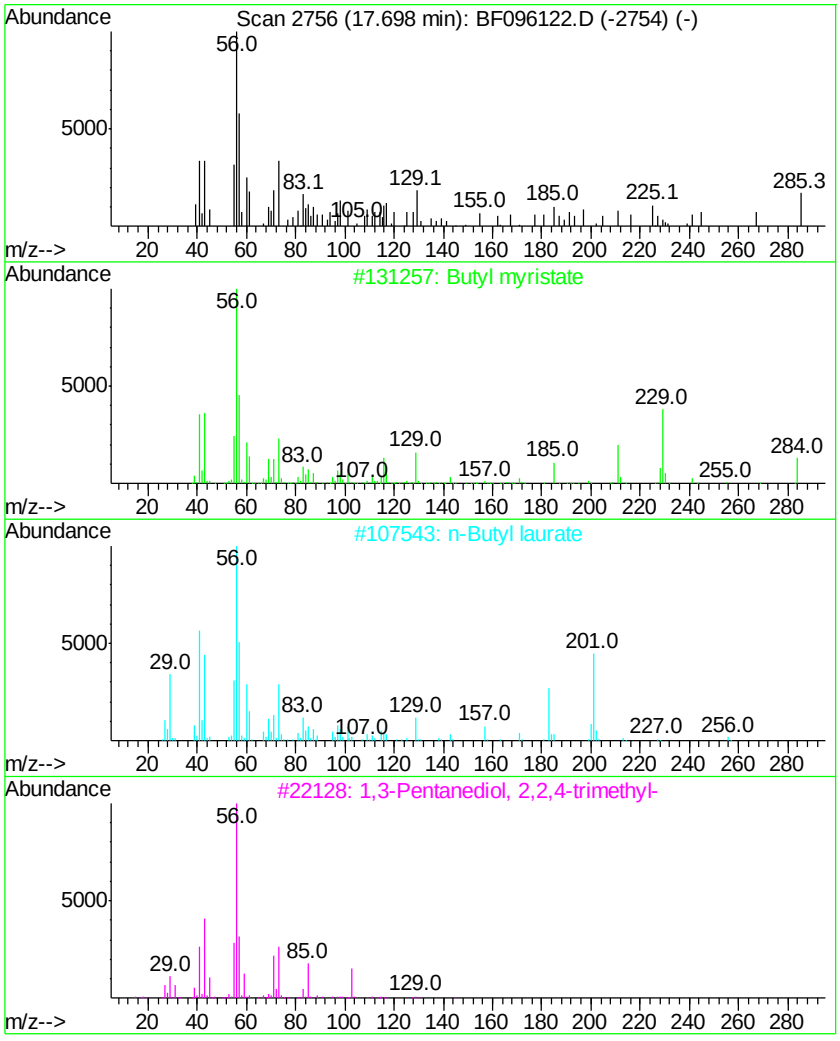
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

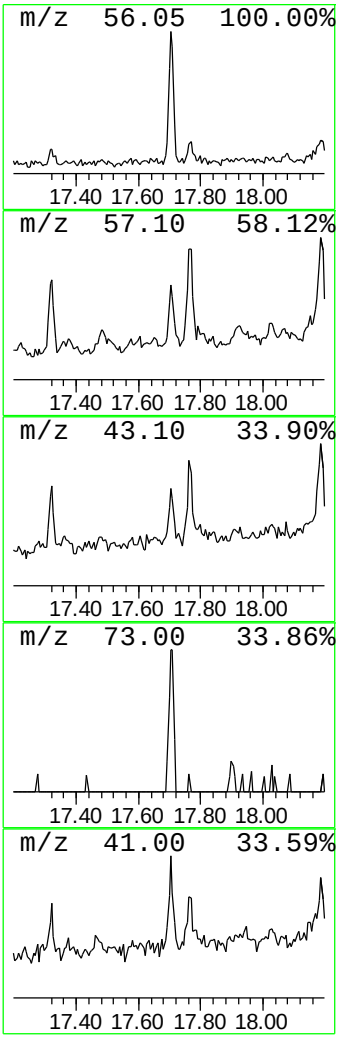
****

Peak Number 9 Butyl myristate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	2.23 ng	67850	Chrysene-d12	18.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl myristate	284	C18H36O2	000110-36-1	53
2	n-Butyl laurate	256	C16H32O2	000106-18-3	53
3	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	32
4	2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	30
5	1-Octene, 2-methyl-	126	C9H18	004588-18-5	27





Library Search Compound Report

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Data File : BF096122.D
Acq On : 22 Jun 2017 15:12
Operator : SJ/MA
Sample : I3697-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-001-C

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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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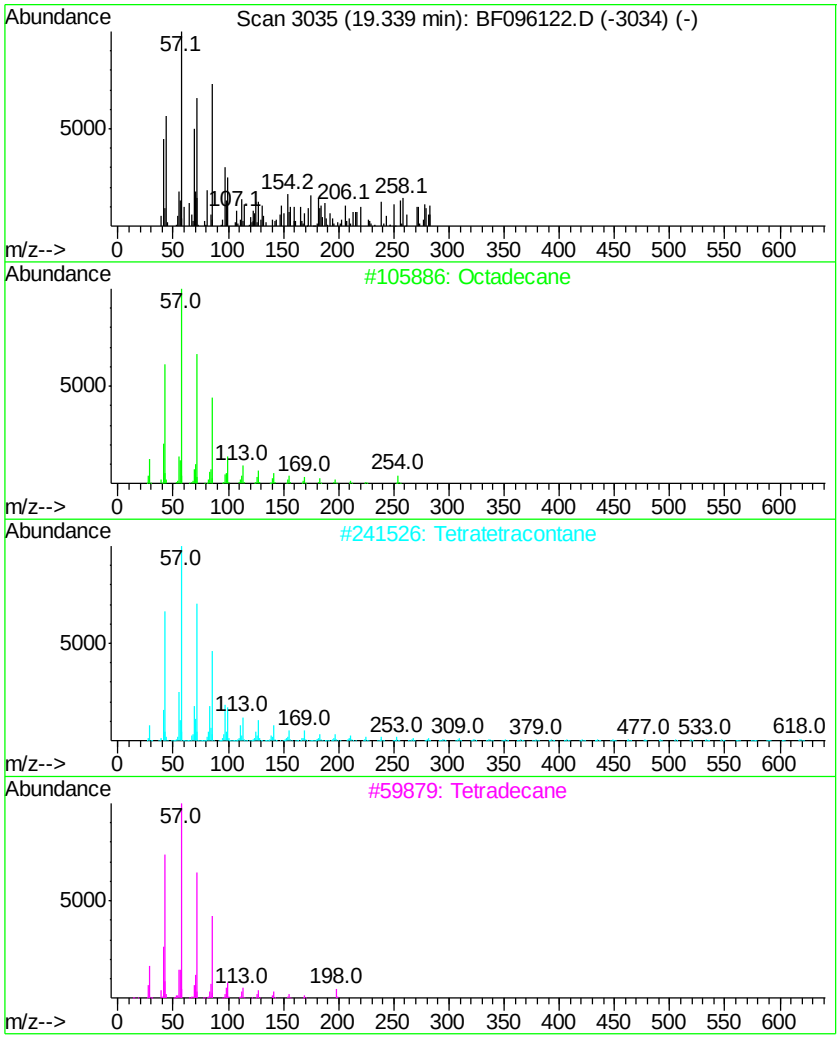
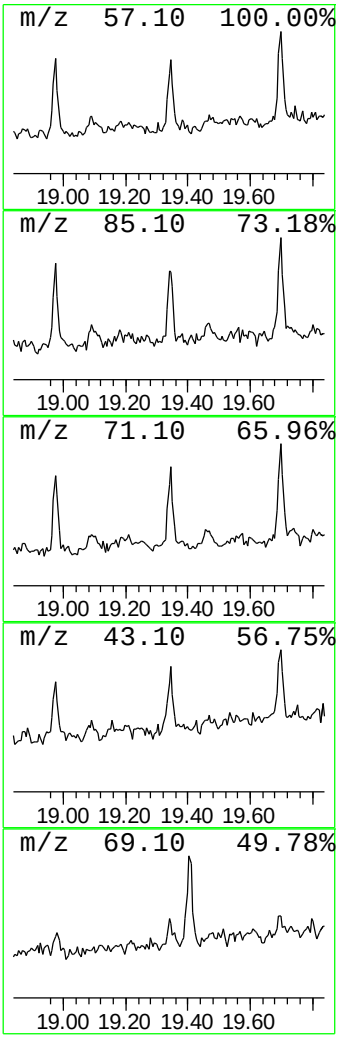
Peak Number 10 Octadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	2.21 ng	48589	Perylene-d12	19.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Tetratetracontane	619	C44H90	007098-22-8	64
3	Tetradecane	198	C14H30	000629-59-4	60
4	Eicosane	282	C20H42	000112-95-8	60
5	Octacosane	394	C28H58	000630-02-4	58





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096122.D
Acq On : 22 Jun 2017 15:12
Operator : SJ/MA
Sample : I3697-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-001-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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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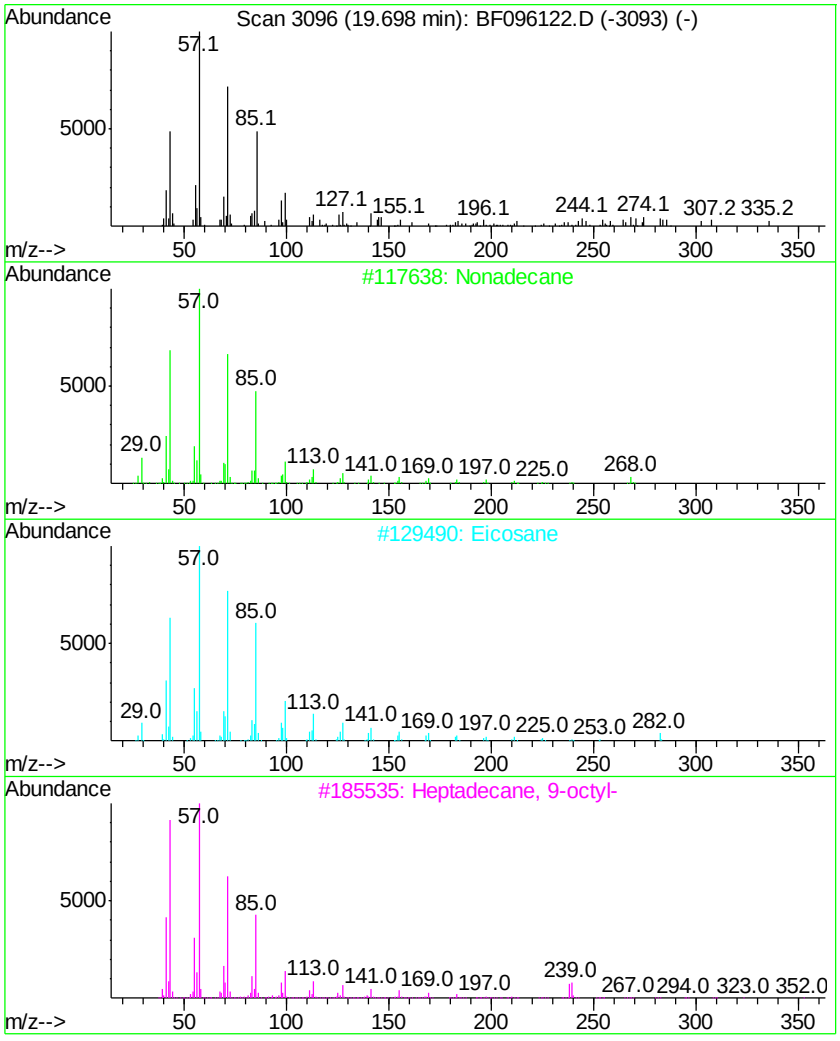
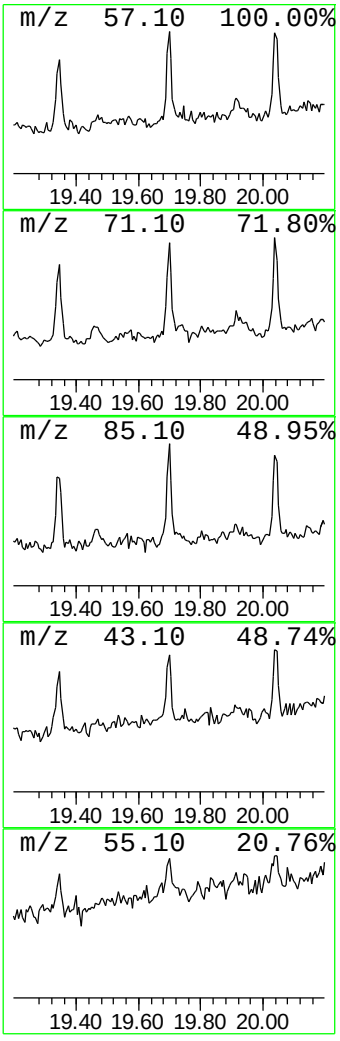
Peak Number 11 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	2.28 ng	50130	Perylene-d12	19.94

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80
4	Octadecane	254	C18H38	000593-45-3	74
5	Octacosane	394	C28H58	000630-02-4	72





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF062217\
Data File : BF096122.D
Acq On : 22 Jun 2017 15:12
Operator : SJ/MA
Sample : I3697-05 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-02-001-C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.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
3-Penten-2-one, 4...	3.33	4.3	ng	105460	1	7.27	488998	20.0
2-Pentanone, 4-hy...	4.40	6.4	ng	156389	1	7.27	488998	20.0
unknown6.97	6.97	6.2	ng	151173	1	7.27	488998	20.0
unknown15.22	15.22	2.9	ng	92716	4	14.53	641123	20.0
2-Chloroethyl lin...	16.30	2.3	ng	73725	4	14.53	641123	20.0
Hexadecanoic acid...	16.77	3.5	ng	105513	5	18.26	609340	20.0
Butyl myristate	17.70	2.2	ng	67850	5	18.26	609340	20.0
Octadecane	19.34	2.2	ng	48589	6	19.94	439490	20.0
Nonadecane	19.70	2.3	ng	50130	6	19.94	439490	20.0