LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095968.D
Acq On : 16 Jun 2017 21:54
Operator : SJ/MA
Sample : I3724-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RELIABLE-WOOD-RCA

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	2.346	126	129	140	rBV	9063	23497	1.25%	0.173%
2	3.434	306	314	336	rBV	700914	1696575	90.05%	12.516%
3	4.528	488	500	503	rBV	761311	1884093	100.00%	13.900%
4	6.898	900	903	918	rBV	251190	602865	32.00%	4.448%
5	7.010	918	922	938	rVB	124961	228696	12.14%	1.687%
6	7.322	971	975	984	rBV	264086	360121	19.11%	2.657%
7	7.557	1010	1015	1035	rBV	918732	1243394	65.99%	9.173%
8	8.239	1127	1131	1164	rBV	600383	926689	49.18%	6.837%
9	9.351	1316	1320	1335	rBV	353656	499121	26.49%	3.682%
10	11.133	1617	1623	1635	rBV	1426467	1863731	98.92%	13.749%
11	11.357	1655	1661	1668	rVB	24761	33541	1.78%	0.247%
12	11.827	1735	1741	1747	rBV	193534	255983	13.59%	1.888%
13	12.168	1795	1799	1804	rBV2	423824	545458	28.95%	4.024%
14	12.215	1804	1807	1814	rVB	51954	63944	3.39%	0.472%
15	13.027	1939	1945	1949	rBV	61419	71457	3.79%	0.527%
16	13.386	2000	2006	2010	rBV2	21495	37810	2.01%	0.279%
17	13.798	2071	2076	2085	rBV2	61731	120086	6.37%	0.886%
18	14.527	2195	2200	2203	rBV	42095	55020	2.92%	0.406%
19	14.562	2203	2206	2223	rVB2	366595	534154	28.35%	3.941%
20	15.209	2312	2316	2323	rBV	32991	39608	2.10%	0.292%
21	15.586	2373	2380	2384	rBV8	15778	31145	1.65%	0.230%
22	15.815	2416	2419	2424	rVB	25006	30022	1.59%	0.221%
23	16.368	2509	2513	2517	rVB	18989	19551	1.04%	0.144%
24	16.945	2605	2611	2618	rVB	1187941	1378800	73.18%	10.172%
25	18.203	2818	2825	2835	rBV4	38756	82020	4.35%	0.605%
26	18.286	2835	2839	2848	rBV	287760	380414	20.19%	2.806%
27	19.427	3029	3033	3038	rVB	150623	165104	8.76%	1.218%
28	19.956	3119	3123	3133	rBV	280030	382017	20.28%	2.818%

Sum of corrected areas: 13554916

LSC Report - Integrated Chromatogram

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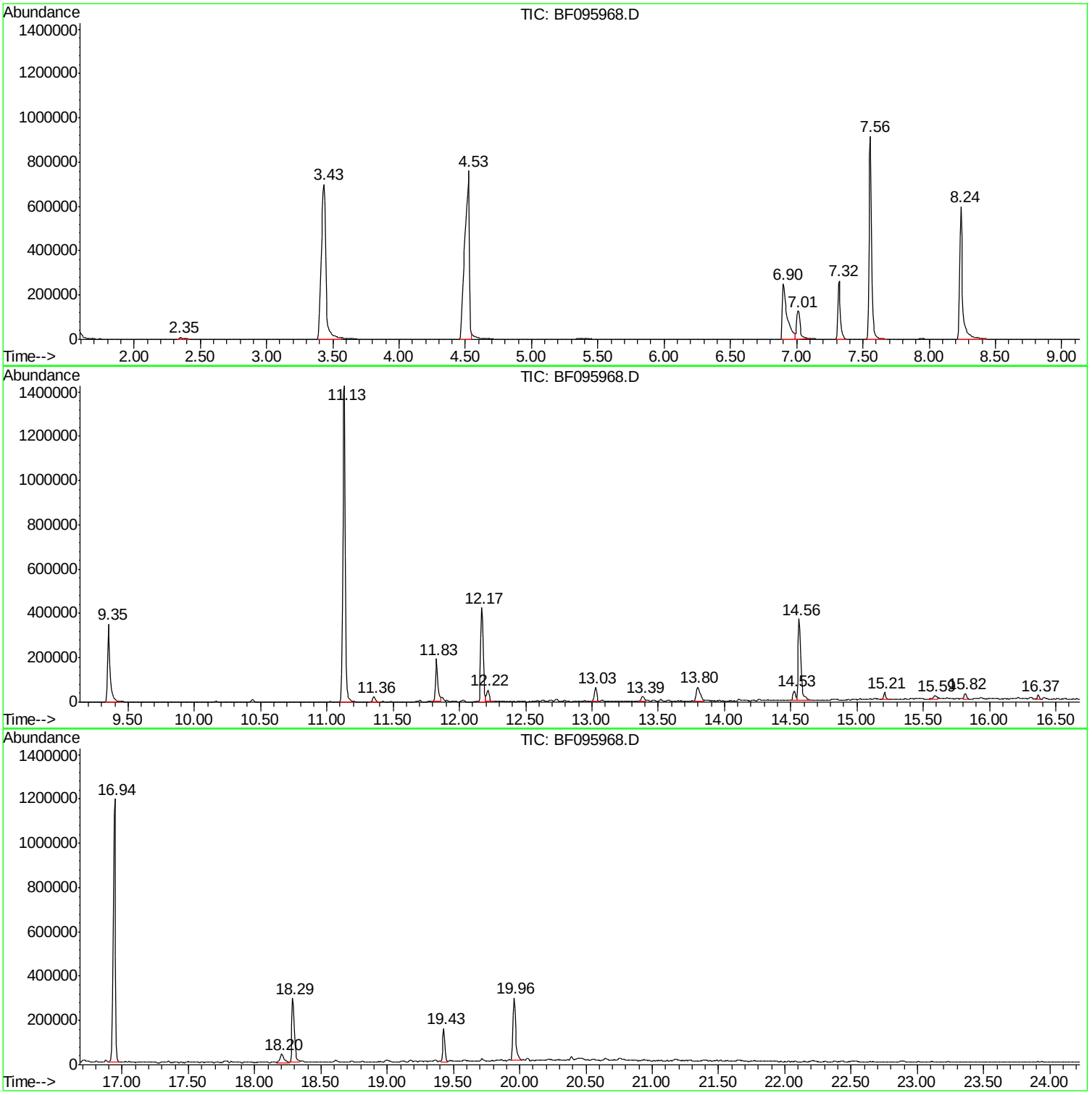
Operator : SJ/MA
Sample : I3724-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RELIABLE-WOOD-RCA

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



Library Search Compound Report

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Acq On : 16 Jun 2017 21:54
Operator : SJ/MA
Sample : I3724-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RELIABLE-WOOD-RCA

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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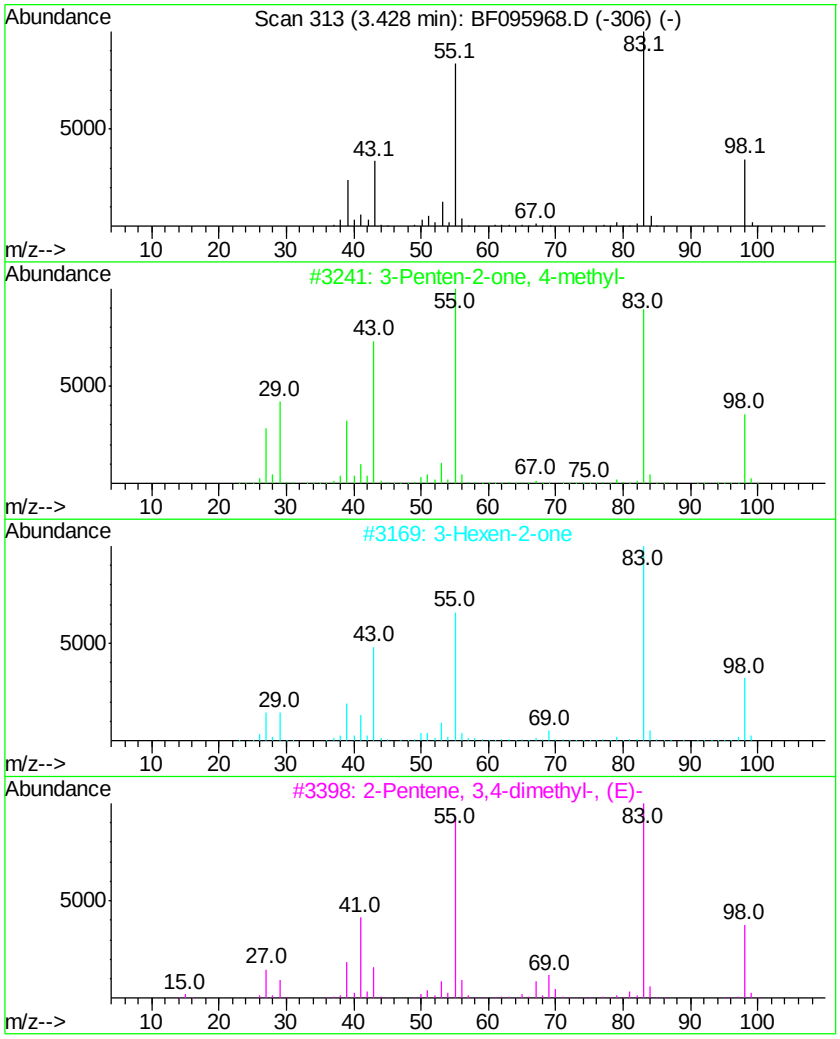
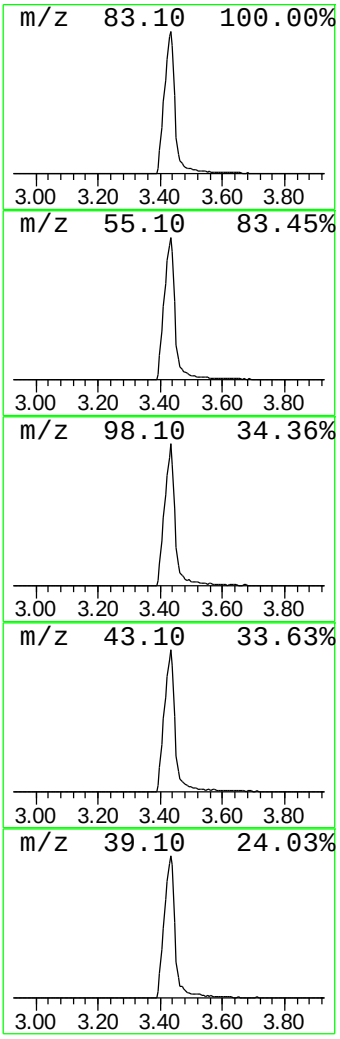
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.43	94.22 ng	1696580	1,4-Dichlorobenzene-d4	7.32

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	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	86
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	2,4-Azetidinedione, 3,3-diethyl-	141	C7H11NO2	042282-85-9	78





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Data File : BF095968.D
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Operator : SJ/MA
Sample : I3724-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RELIABLE-WOOD-RCA

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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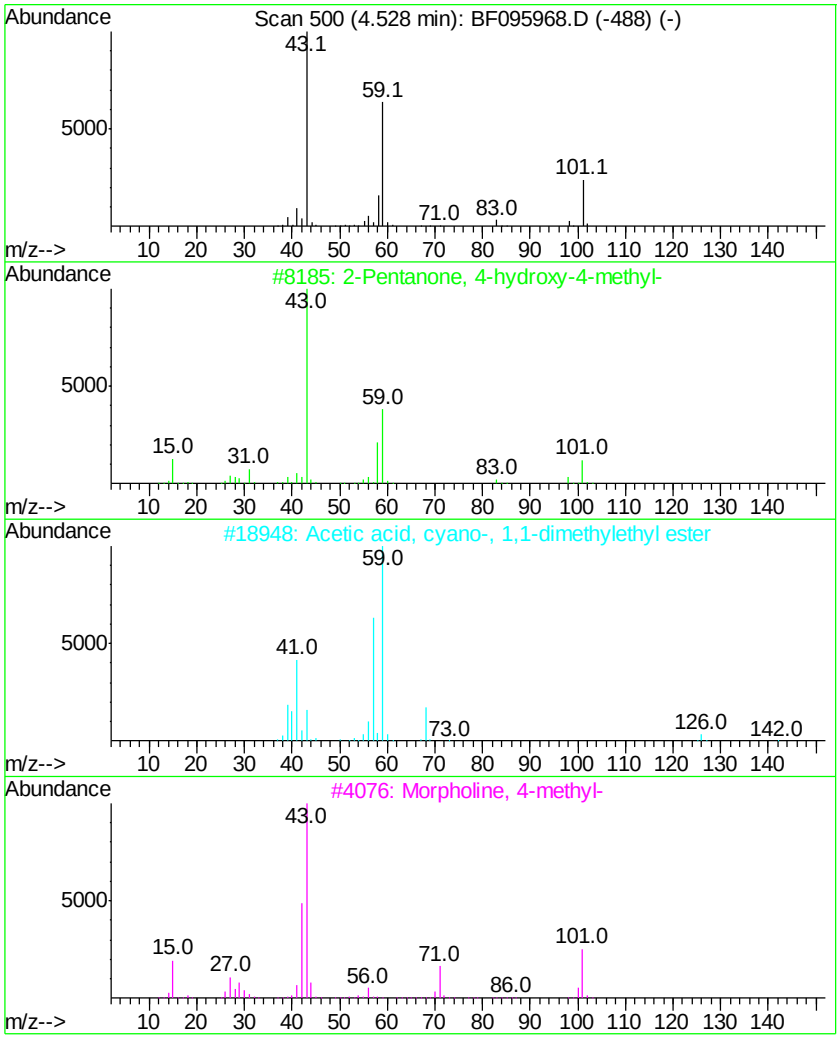
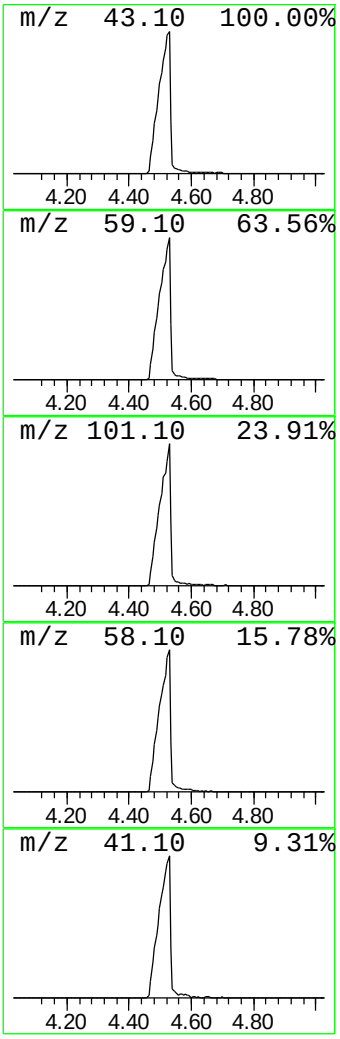
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.53	104.64 ng	1884090	1,4-Dichlorobenzene-d4	7.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095968.D
Acq On : 16 Jun 2017 21:54
Operator : SJ/MA
Sample : I3724-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RELIABLE-WOOD-RCA

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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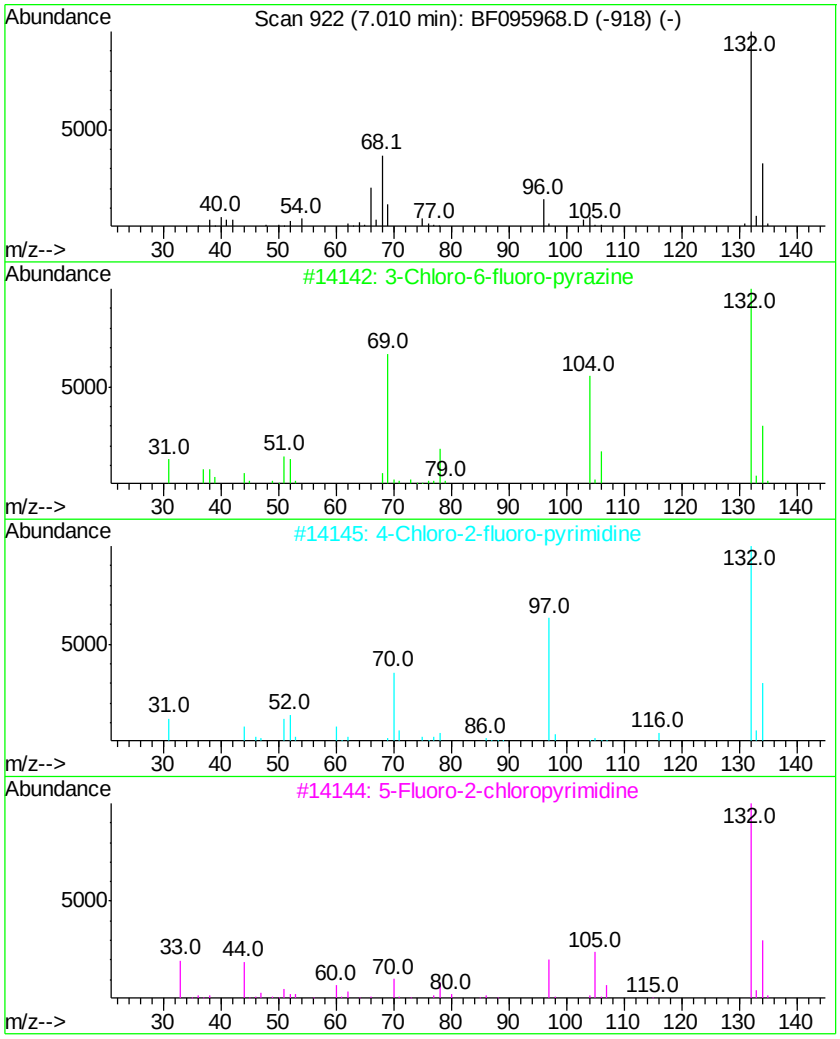
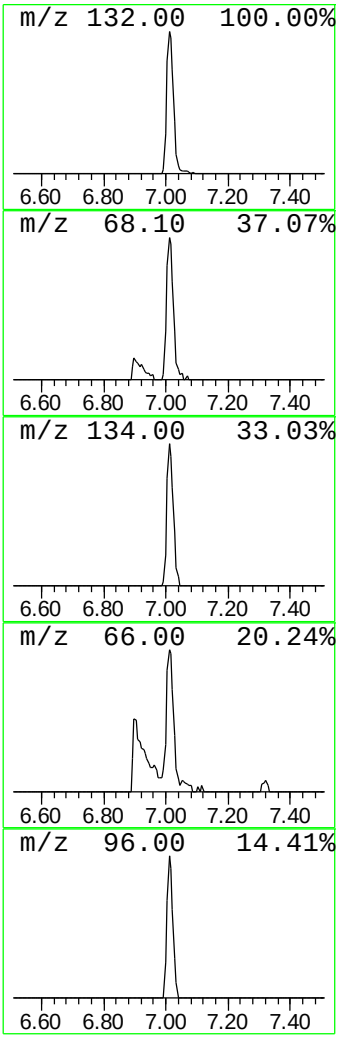
Peak Number 3 unknown7.01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.01	12.70 ng	228696	1,4-Dichlorobenzene-d4	7.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
5	Amphetaminil	250	C17H18N2	017590-01-1	9





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Data File : BF095968.D
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Operator : SJ/MA
Sample : I3724-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RELIABLE-WOOD-RCA

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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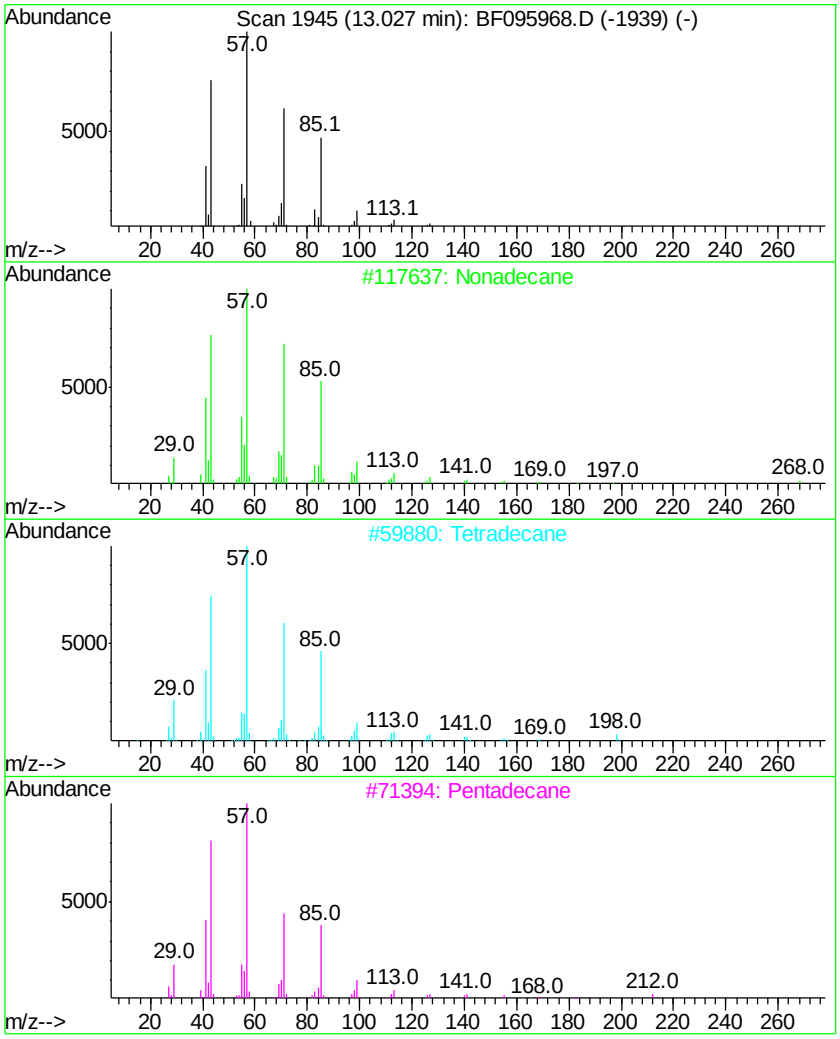
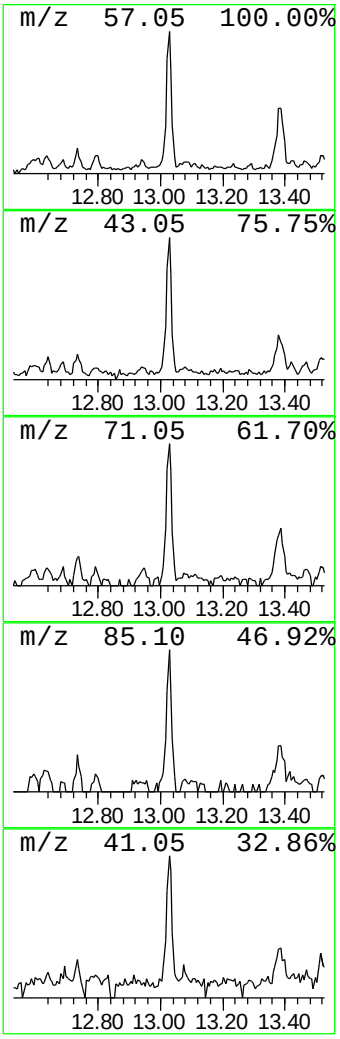
Peak Number 5 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	2.62 ng	71457	Acenaphthene-d10	12.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Tetradecane	198	C14H30	000629-59-4	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	72
5	Heptadecane	240	C17H36	000629-78-7	72





Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
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Operator : SJ/MA
Sample : I3724-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RELIABLE-WOOD-RCA

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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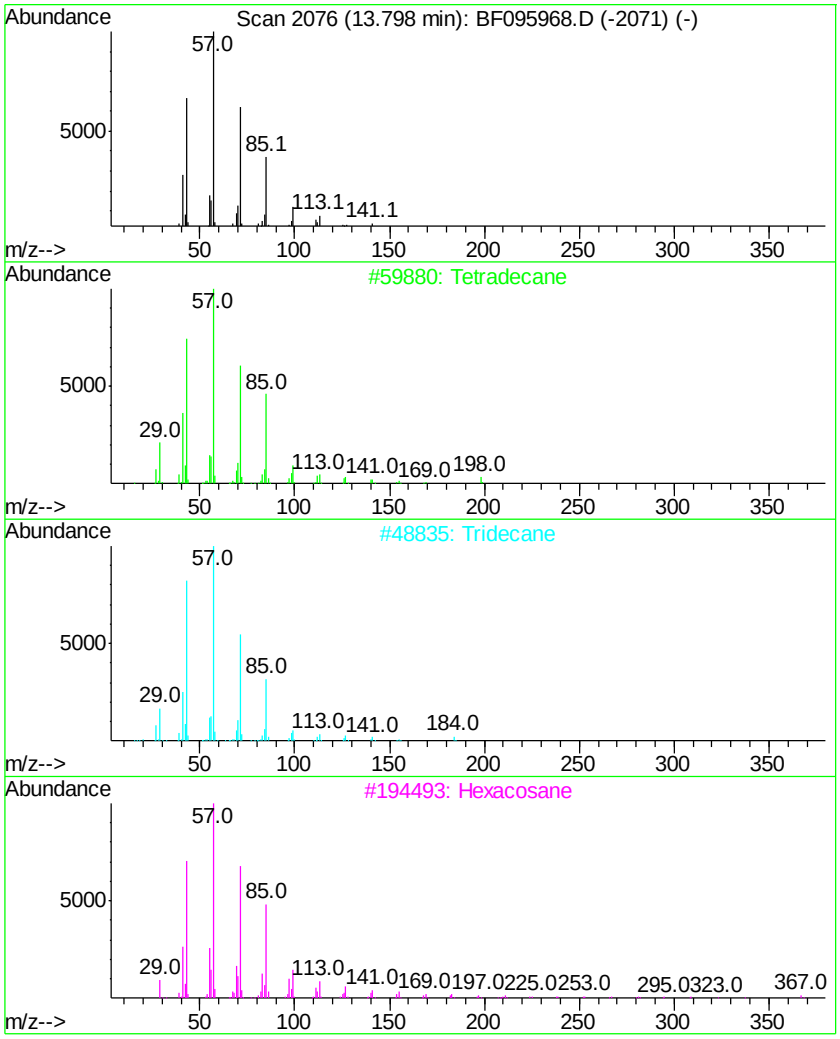
TIC Integration Parameters: LSCINT.P

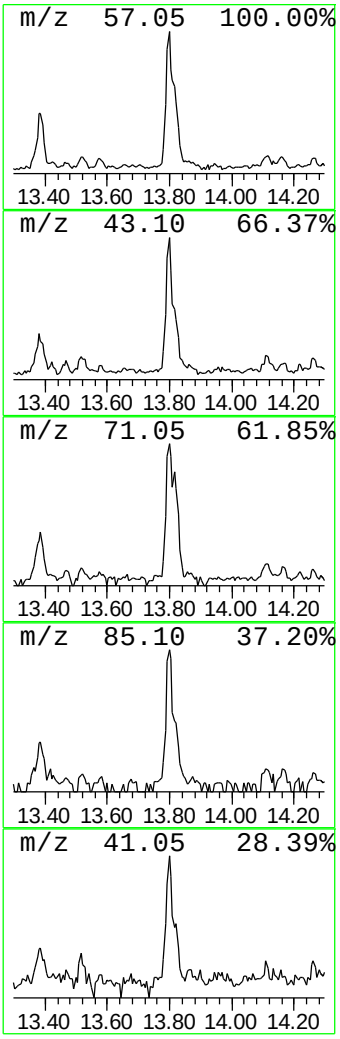
****

Peak Number 6 Tetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	4.50 ng	120086	Phenanthrene-d10	14.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Octadecane	254	C18H38	000593-45-3	90
5	Tetratetracontane	619	C44H90	007098-22-8	90





Library Search Compound Report

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Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
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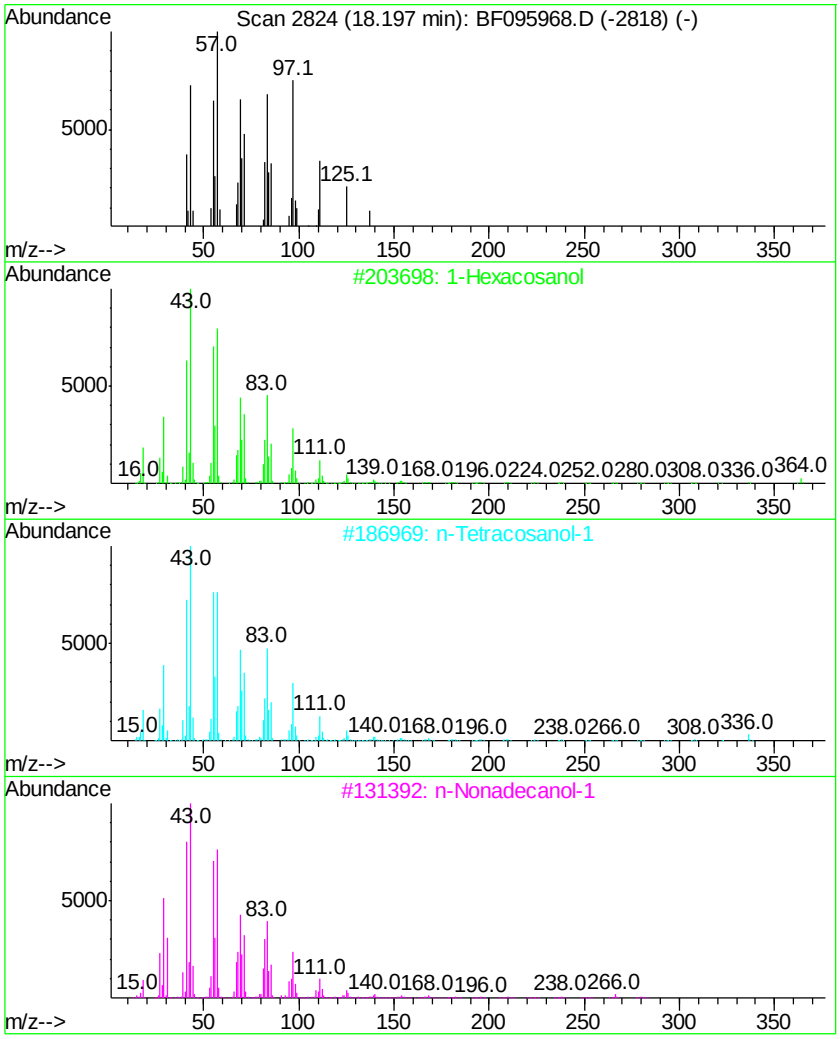
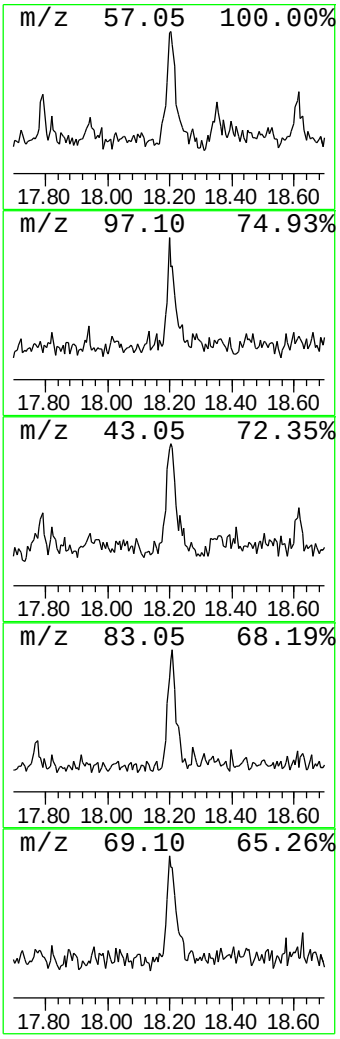
Peak Number 7 1-Hexacosanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	4.31 ng	82020	Chrysene-d12	18.29

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	91
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
3	n-Nonadecanol-1	284	C19H40O	001454-84-8	80
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	74
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	74





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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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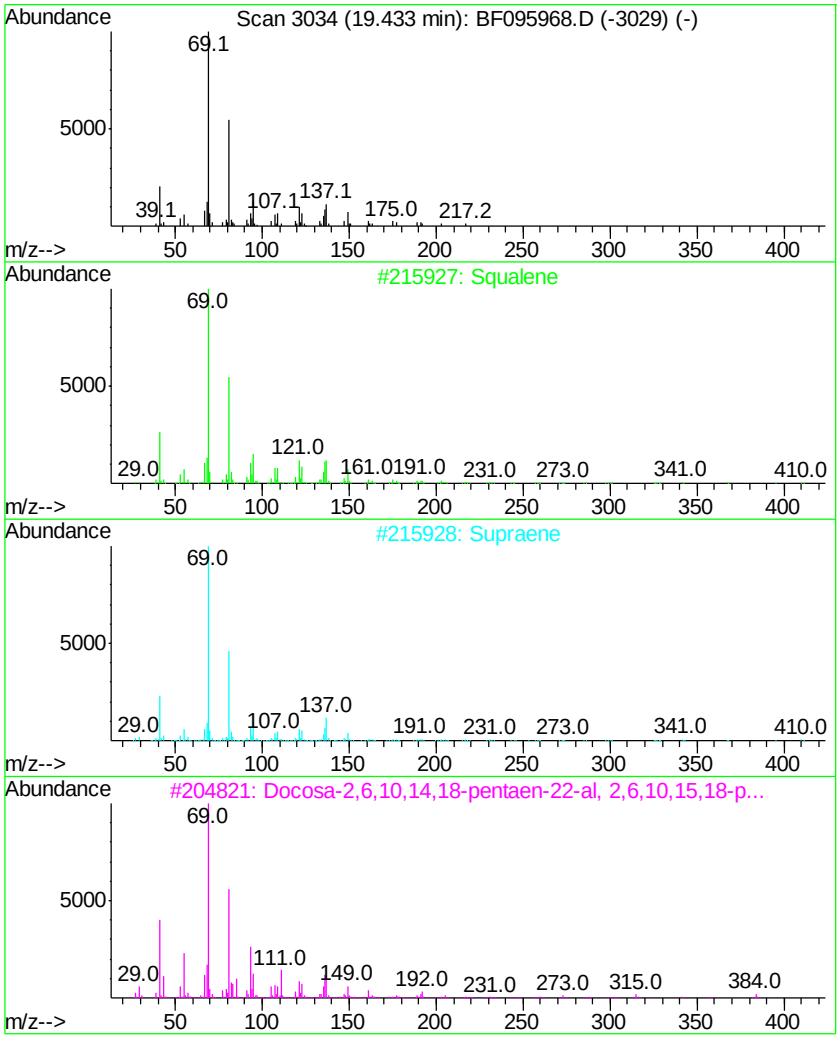
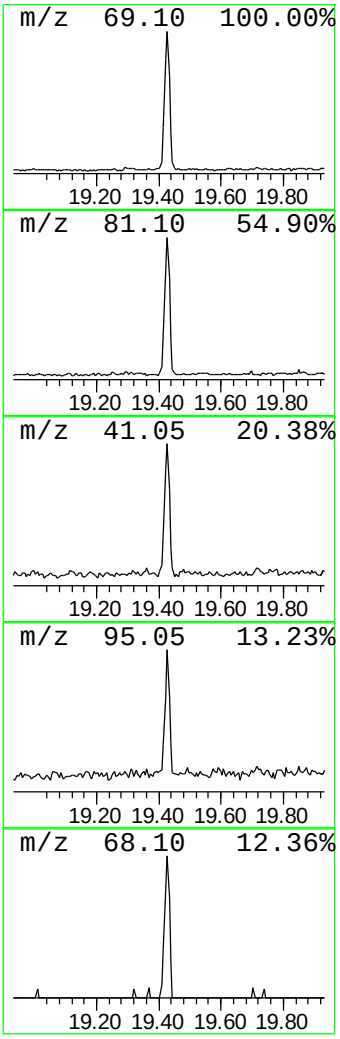
Peak Number 8 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	8.64 ng	165104	Perylene-d12	19.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	91
2	Supraene	410	C30H50	007683-64-9	91
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	83
4	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	50
5	2,6-Octadiene, 4-methyl-	124	C9H16	074498-94-5	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061617\
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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...	3.43	94.2	ng	1696580	1	7.32	360121	20.0
2-Pentanone, 4-hy...	4.53	104.6	ng	1884090	1	7.32	360121	20.0
unknown7.01	7.01	12.7	ng	228696	1	7.32	360121	20.0
Nonadecane	13.03	2.6	ng	71457	3	12.17	545458	20.0
Tetradecane	13.80	4.5	ng	120086	4	14.56	534154	20.0
1-Hexacosanol	18.20	4.3	ng	82020	5	18.29	380414	20.0
Squalene	19.43	8.6	ng	165104	6	19.96	382017	20.0