LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP080620\
Data File : BP002919.D
Acq On : 06 Aug 2020 14:41
Operator : CG/JU
Sample : L3548-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-019

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_P\METHODS\8270-BP073020.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	2.981	12	16	36	rVB	1317131	1816708	6.57%	1.409%
2	5.316	406	413	427	rBV	5936242	8636714	31.22%	6.699%
3	6.887	672	680	694	rBV	5674906	8954746	32.37%	6.946%
4	7.710	813	820	828	rBV	1195361	1839459	6.65%	1.427%
5	8.857	1005	1015	1029	rBV	3478052	5854438	21.16%	4.541%
6	10.493	1285	1293	1300	rBV	1606216	2651180	9.58%	2.056%
7	12.969	1707	1714	1732	rBV	10369140	15661642	56.61%	12.148%
8	13.804	1849	1856	1866	rBV	689620	957547	3.46%	0.743%
9	14.345	1941	1948	1955	rBV	2597564	3809177	13.77%	2.955%
10	15.839	2195	2202	2215	rBV	9453598	13079445	47.28%	10.145%
11	17.098	2410	2416	2421	rBV	3464798	4872617	17.61%	3.780%
12	17.139	2421	2423	2429	rVB	371153	437087	1.58%	0.339%
13	18.022	2569	2573	2580	rBV	429655	613040	2.22%	0.476%
14	19.116	2754	2759	2765	rBV	1078224	1389925	5.02%	1.078%
15	19.257	2779	2783	2789	rBV2	202074	299757	1.08%	0.233%
16	19.469	2810	2819	2826	rBV	1012137	1666968	6.03%	1.293%
17	19.680	2849	2855	2868	rVB	21567321	27666307	100.00%	21.460%
18	20.933	3063	3068	3072	rBV2	1749653	2430329	8.78%	1.885%
19	21.133	3098	3102	3105	rBV2	355055	412683	1.49%	0.320%
20	21.192	3105	3112	3116	rVV	5611387	8629986	31.19%	6.694%
21	21.227	3116	3118	3128	rVB	882432	1041948	3.77%	0.808%
22	21.369	3139	3142	3148	rVB3	353113	422433	1.53%	0.328%
23	21.821	3215	3219	3225	rVB3	580051	872847	3.15%	0.677%
24	22.286	3296	3298	3306	rVB	248697	351795	1.27%	0.273%
25	22.421	3317	3321	3326	rVB	536009	738467	2.67%	0.573%
26	22.768	3375	3380	3385	rBV	1136994	2387871	8.63%	1.852%
27	22.816	3385	3388	3392	rVB	783637	1125803	4.07%	0.873%
28	23.251	3458	3462	3471	rVB	583428	1111308	4.02%	0.862%
29	23.351	3474	3479	3485	rBV	731016	1307120	4.72%	1.014%
30	23.457	3490	3497	3503	rVB2	3820874	7146021	25.83%	5.543%
31	24.157	3612	3616	3625	rVB	407715	735246	2.66%	0.570%

Sum of corrected areas: 128920614

LSC Report - Integrated Chromatogram

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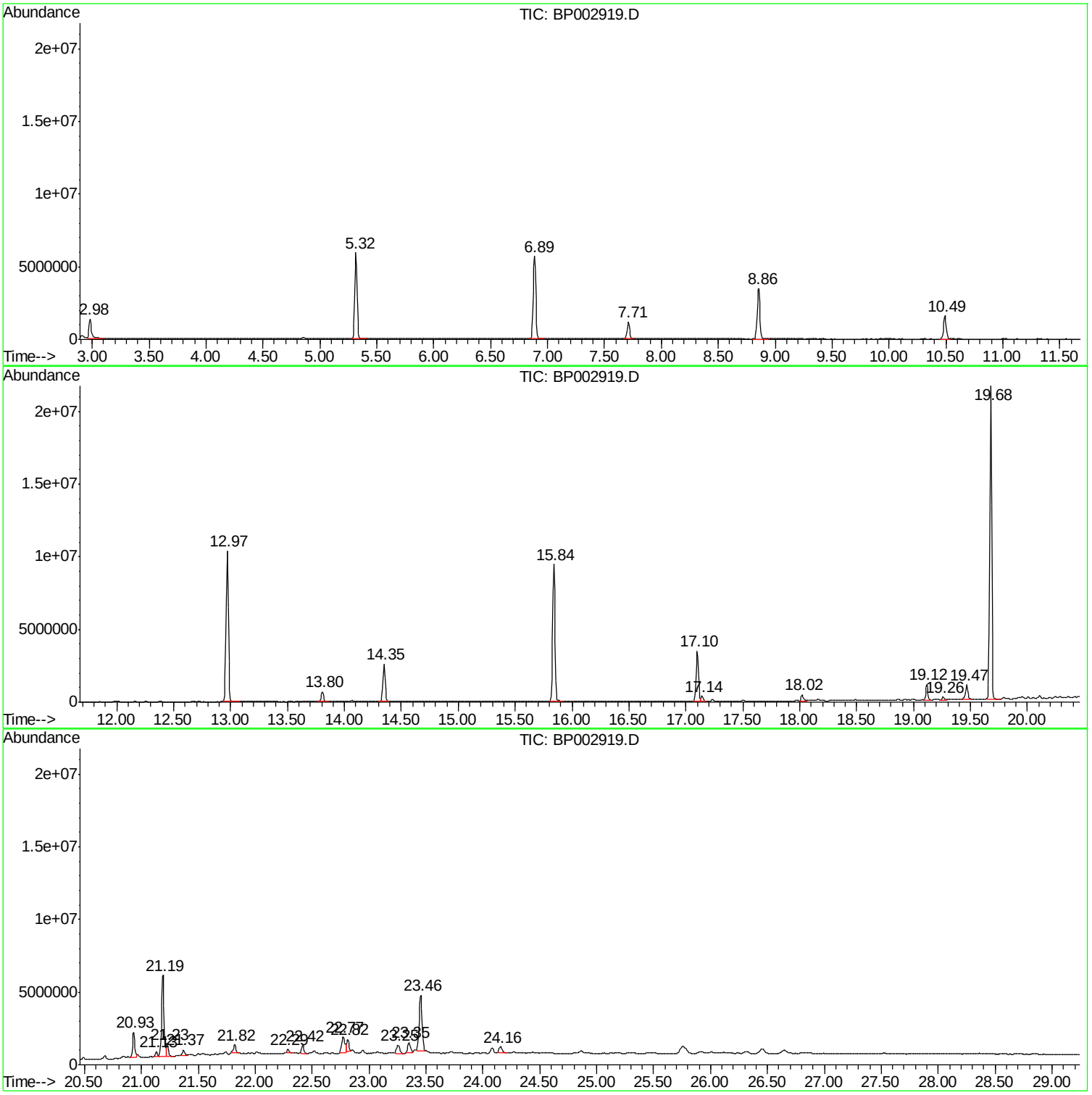
Data File : BP002919.D
Acq On : 06 Aug 2020 14:41
Operator : CG/JU
Sample : L3548-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CRT-019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.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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Operator : CG/JU
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

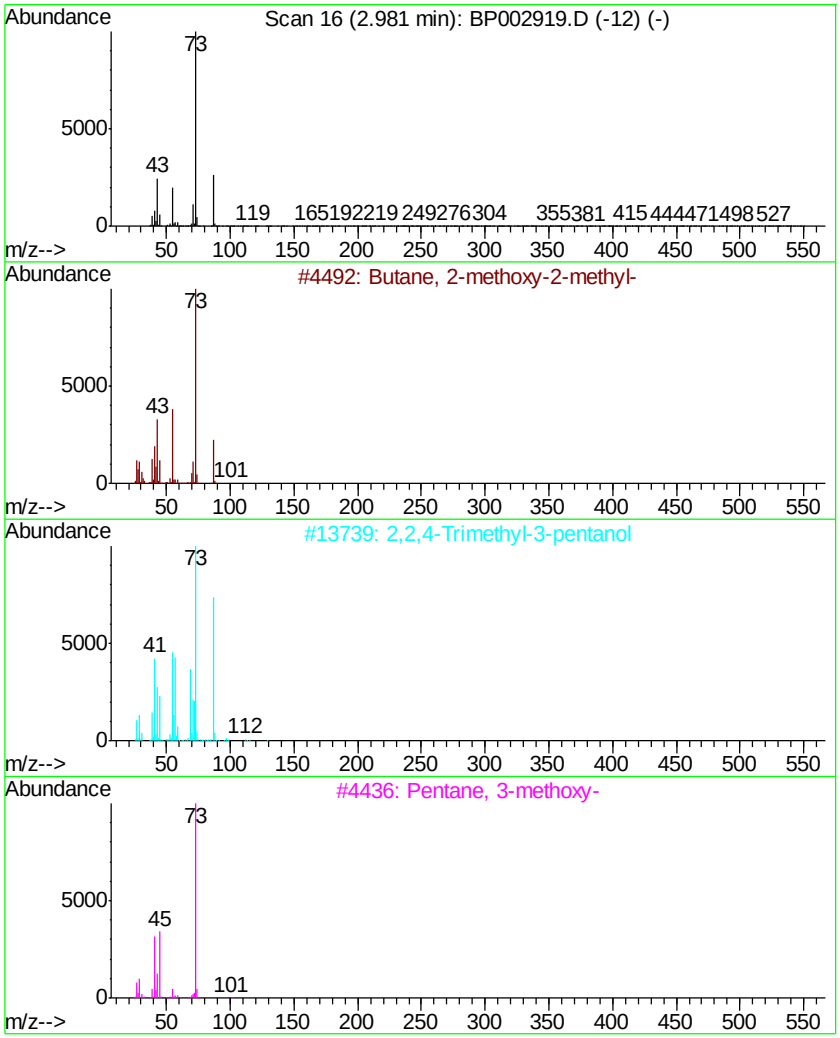
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

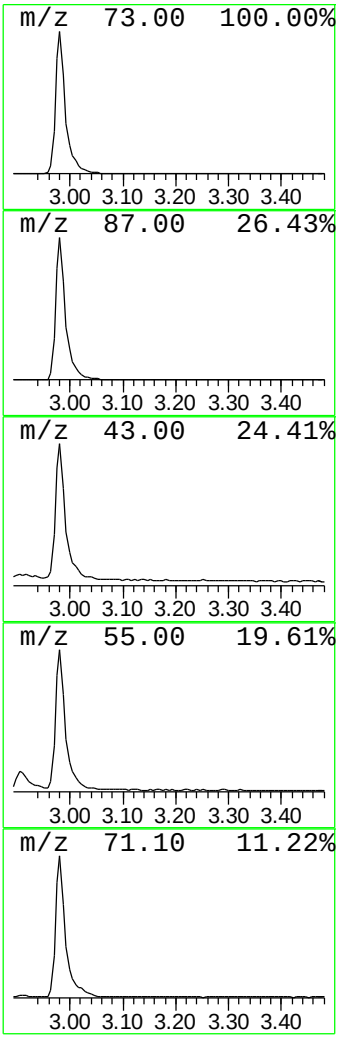
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.98	19.75 ng	1816710	1,4-Dichlorobenzene-d4	7.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9





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Data File : BP002919.D
Acq On : 06 Aug 2020 14:41
Operator : CG/JU
Sample : L3548-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.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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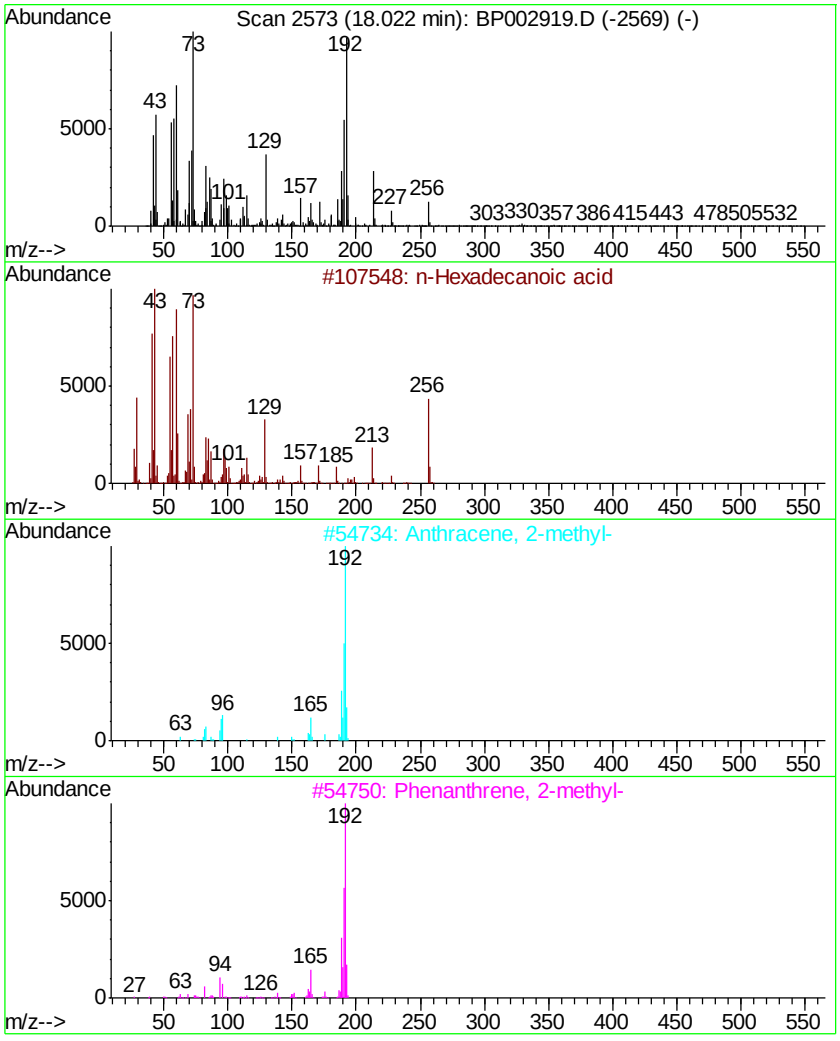
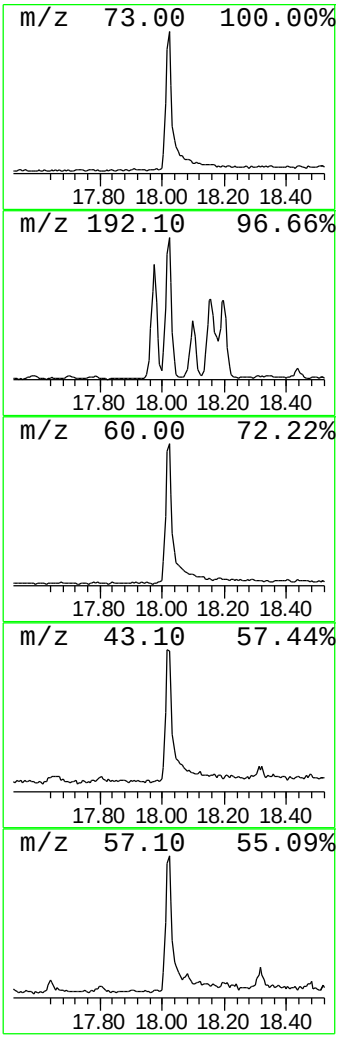
Peak Number 2 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.02	2.52 ng	613040	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





Library Search Compound Report

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Data File : BP002919.D
Acq On : 06 Aug 2020 14:41
Operator : CG/JU
Sample : L3548-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

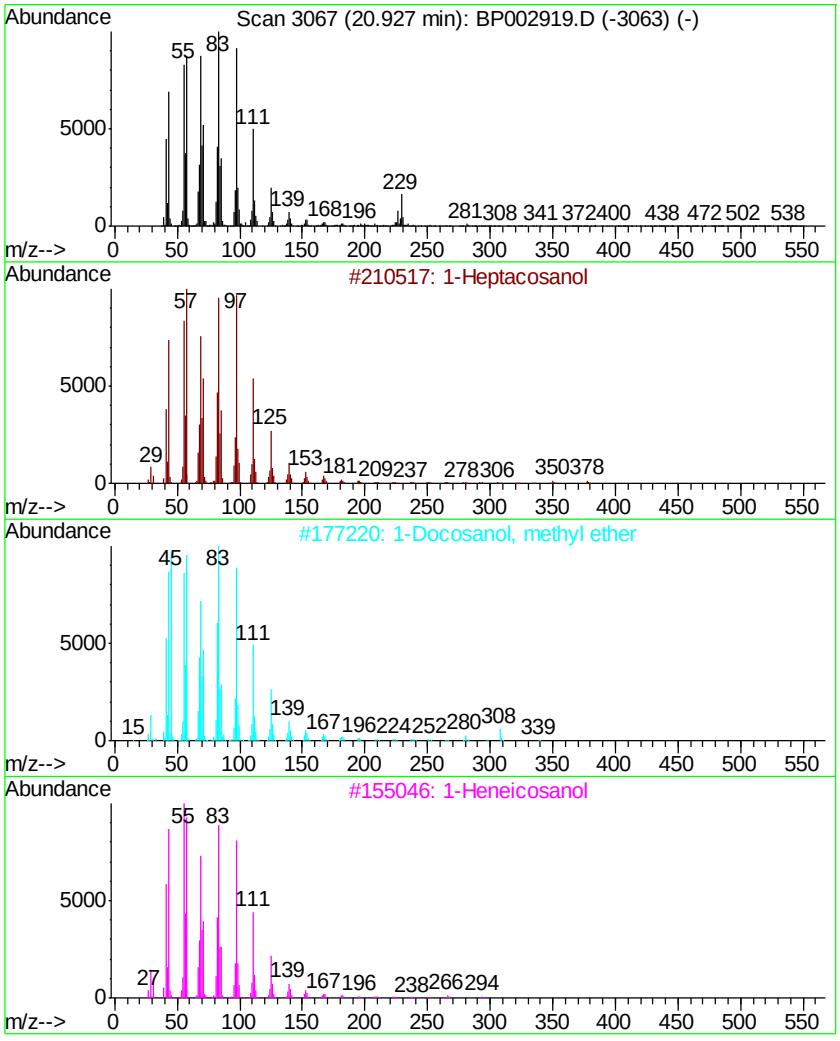
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

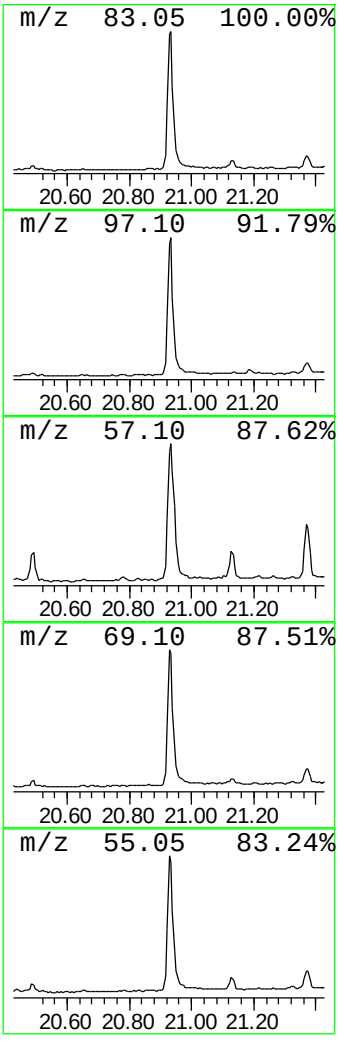
****

Peak Number 3 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	5.63 ng	2430330	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	1-Docosanol, methyl ether	340	C23H48O	1000333-91-9	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93





Library Search Compound Report

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Data File : BP002919.D
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Sample : L3548-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CRT-019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

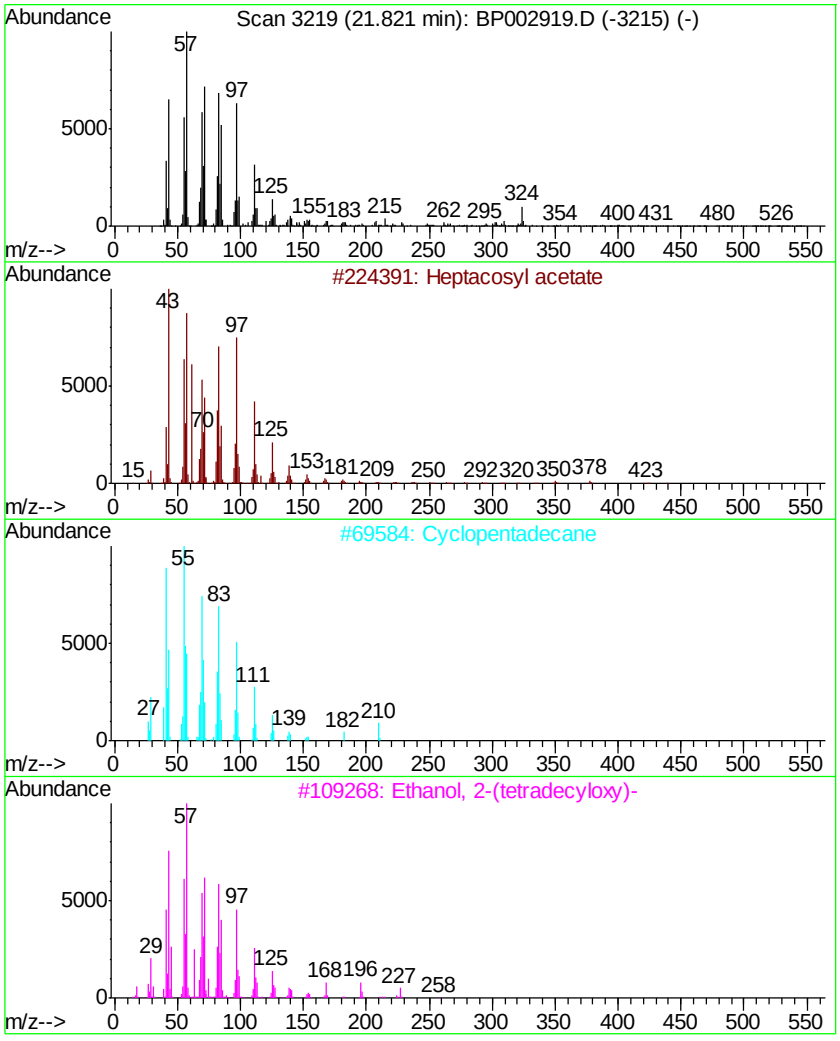
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

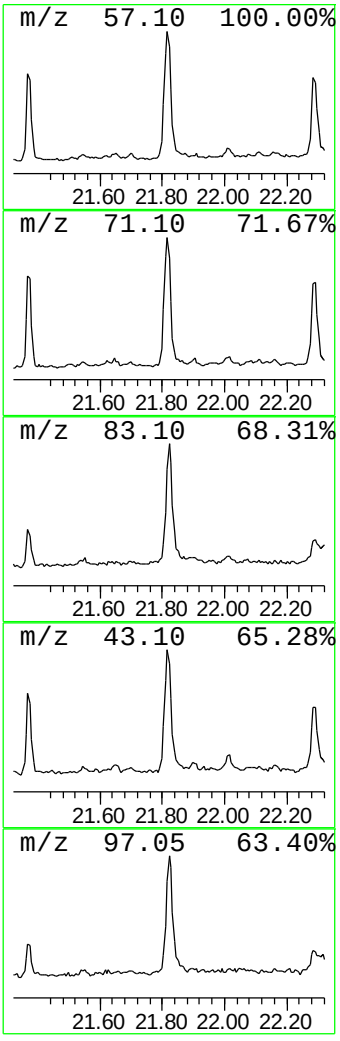
****

Peak Number 4 Heptacosyl acetate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	2.02 ng	872847	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosyl acetate	438	C29H58O2	1000351-78-2	96
2	Cyclopentadecane	210	C15H30	000295-48-7	95
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	91
5	Octacosyl acetate	452	C30H60O2	018206-97-8	91





Library Search Compound Report

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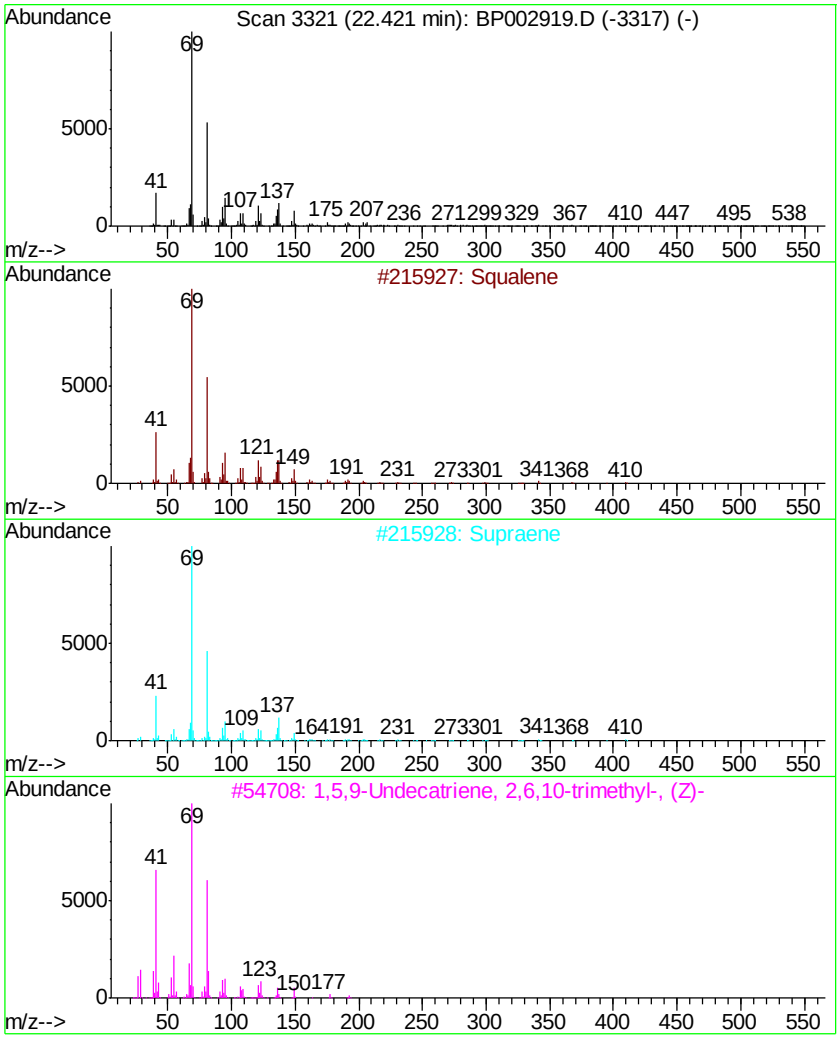
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

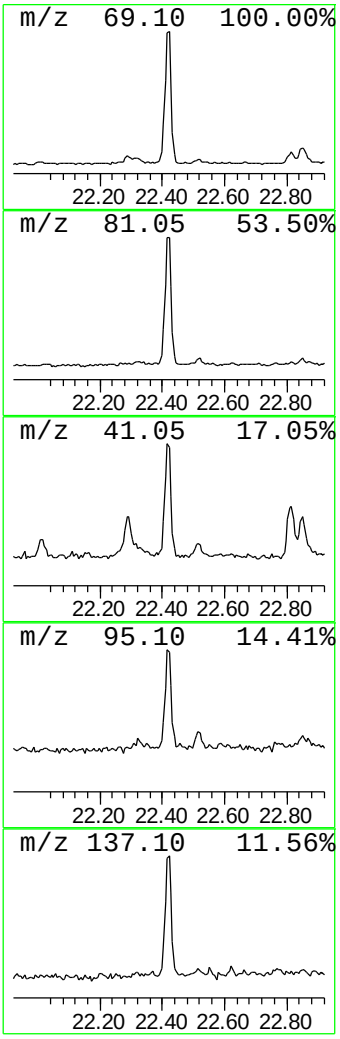
****

Peak Number 5 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.42	2.07 ng	738467	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	95
2	Supraene	410	C30H50	007683-64-9	91
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	83
4	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
5	3-Cyclohexene-1-carboxaldehyde, ...	192	C13H20O	052475-89-5	53





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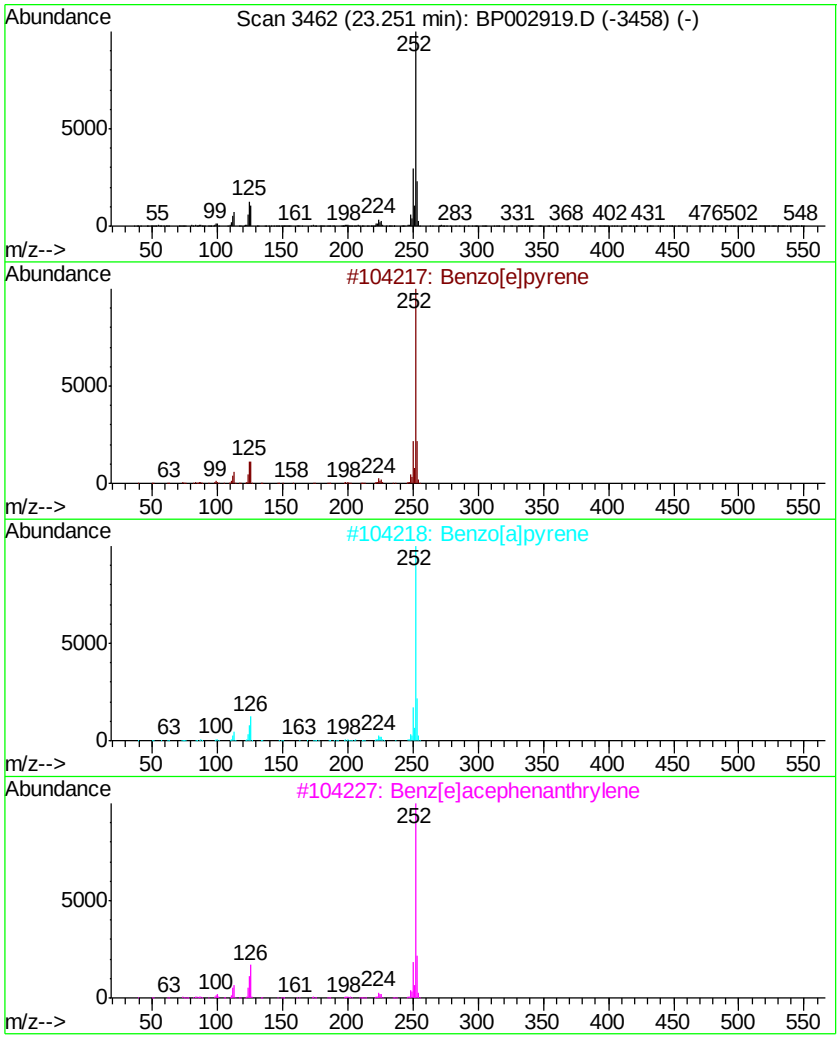
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

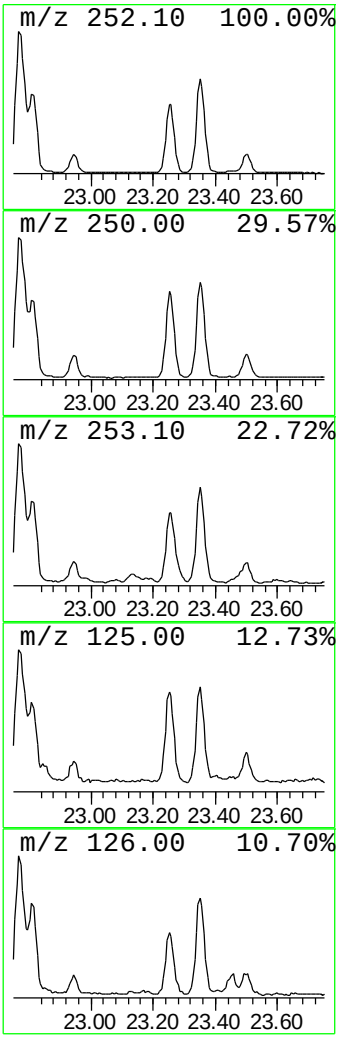
****

Peak Number 6 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.25	3.11 ng	1111310	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Perylene	252	C20H12	000198-55-0	93





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Instrument : BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

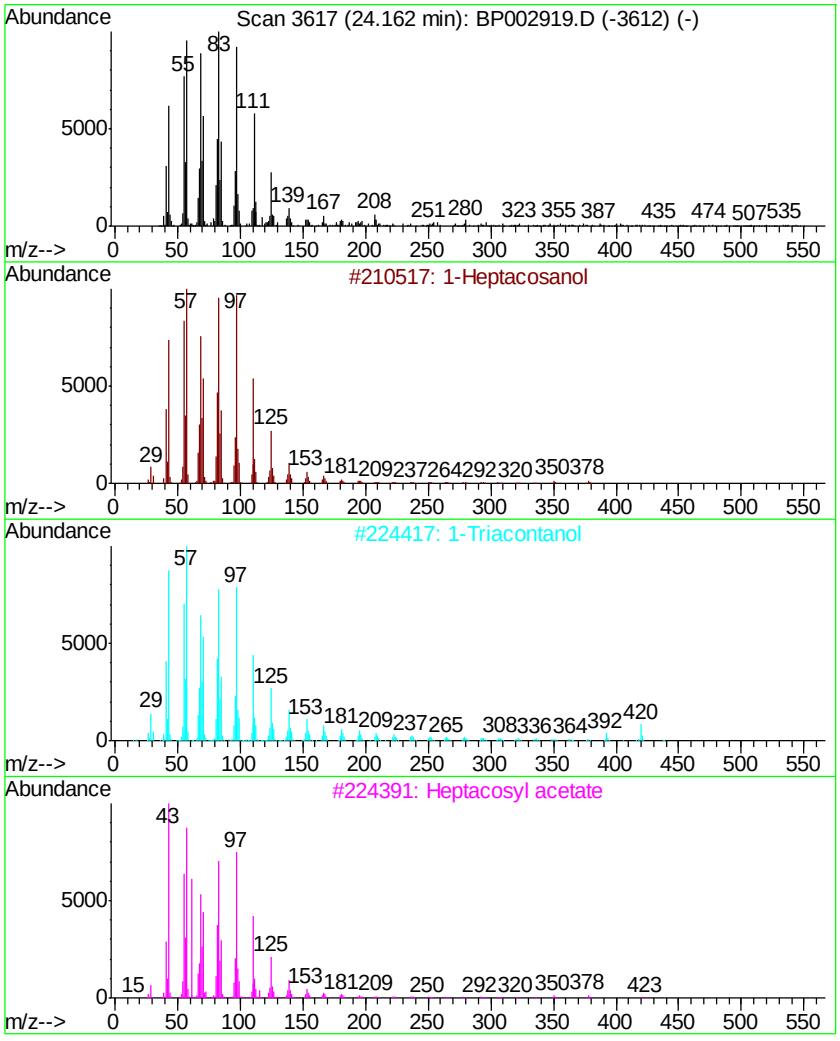
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

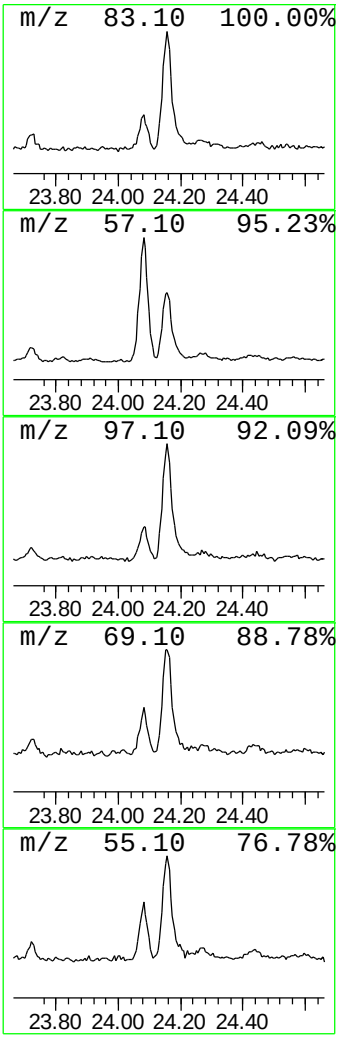
****

Peak Number 7 1-Triacontanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.16	2.06 ng	735246	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	95
2	1-Triacontanol	438	C30H62O	000593-50-0	95
3	Heptacosyl acetate	438	C29H58O2	1000351-78-2	94
4	Octacosanol	410	C28H58O	000557-61-9	93
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	93





Tentatively Identified Compound (LSC) summary

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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
Butane, 2-methoxy...	2.98	19.8	ng	1816710	1	7.71	1839460	20.0
n-Hexadecanoic acid	18.02	2.5	ng	613040	4	17.10	4872620	20.0
1-Heptacosanol	20.93	5.6	ng	2430330	5	21.19	8629990	20.0
Heptacosyl acetate	21.82	2.0	ng	872847	5	21.19	8629990	20.0
Squalene	22.42	2.1	ng	738467	6	23.46	7146020	20.0
Benzo[e]pyrene	23.25	3.1	ng	1111310	6	23.46	7146020	20.0
1-Triacontanol	24.16	2.1	ng	735246	6	23.46	7146020	20.0