LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032119\
Data File : BM019300.D
Acq On : 21 Mar 2019 20:57
Operator : JU/SJ
Sample : K2004-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-22(12-13)

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_M\METHODS\8270-BM031119.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	5.234	375	382	397	rBV	3506042	5186443	48.22%	7.538%
2	6.816	643	651	670	rBV	3947980	6369940	59.23%	9.258%
3	7.163	703	710	725	rBV	3963600	6298203	58.56%	9.154%
4	7.628	783	789	797	rBV	634565	985196	9.16%	1.432%
5	7.945	834	843	853	rBV	2646588	4191367	38.97%	6.092%
6	8.798	980	988	1006	rBV	2205759	3599087	33.46%	5.231%
7	10.410	1256	1262	1276	rBV	859793	1485808	13.82%	2.159%
8	12.898	1678	1685	1703	rBV	6485232	9183987	85.39%	13.348%
9	13.751	1824	1830	1846	rVB	347327	542292	5.04%	0.788%
10	14.286	1915	1921	1929	rBV2	1428565	2228294	20.72%	3.239%
11	15.786	2170	2176	2191	rBV	5421778	7666941	71.29%	11.143%
12	17.045	2383	2390	2400	rBV2	1734048	2576372	23.96%	3.745%
13	17.933	2536	2541	2551	rBV	405310	706323	6.57%	1.027%
14	19.227	2756	2761	2769	rBV	120854	234467	2.18%	0.341%
15	19.686	2833	2839	2848	rBV	8538550	10754804	100.00%	15.631%
16	20.950	3050	3054	3065	rBV	789664	1345627	12.51%	1.956%
17	21.245	3099	3104	3113	rBV	1711440	2261397	21.03%	3.287%
18	21.380	3125	3127	3138	rVB	123665	210318	1.96%	0.306%
19	21.809	3197	3200	3203	rBV	170205	216859	2.02%	0.315%
20	22.268	3275	3278	3283	rVB	204055	244953	2.28%	0.356%
21	22.768	3360	3363	3369	rVB	223936	288648	2.68%	0.420%
22	23.327	3454	3458	3462	rVB2	160505	258965	2.41%	0.376%
23	23.474	3477	3483	3495	rVB	1080886	1967434	18.29%	2.859%

Sum of corrected areas: 68803725

LSC Report - Integrated Chromatogram

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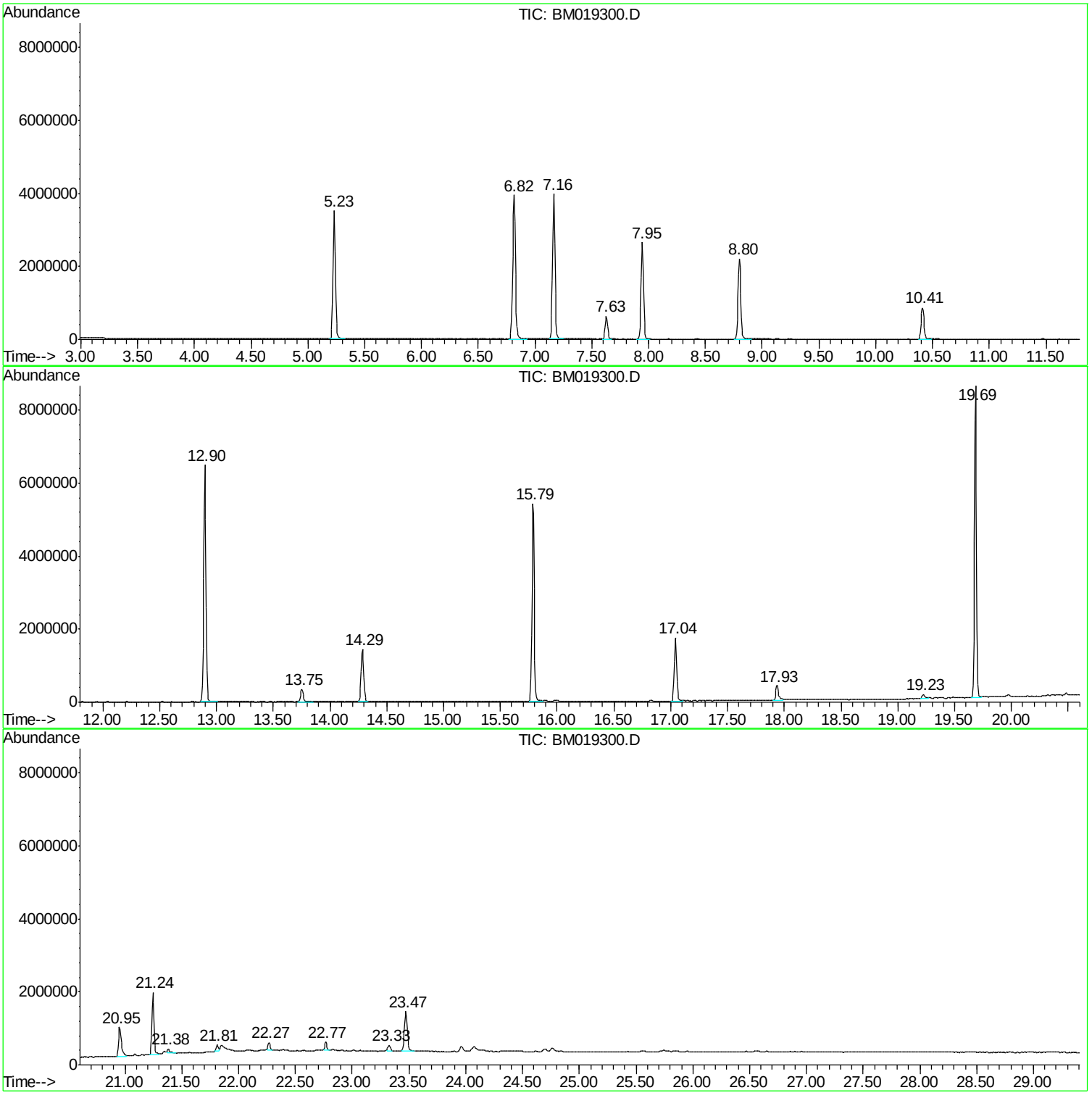
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-22(12-13)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032119\
Data File : BM019300.D
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Instrument : BNA_M
ClientSampleId : SB-22(12-13)

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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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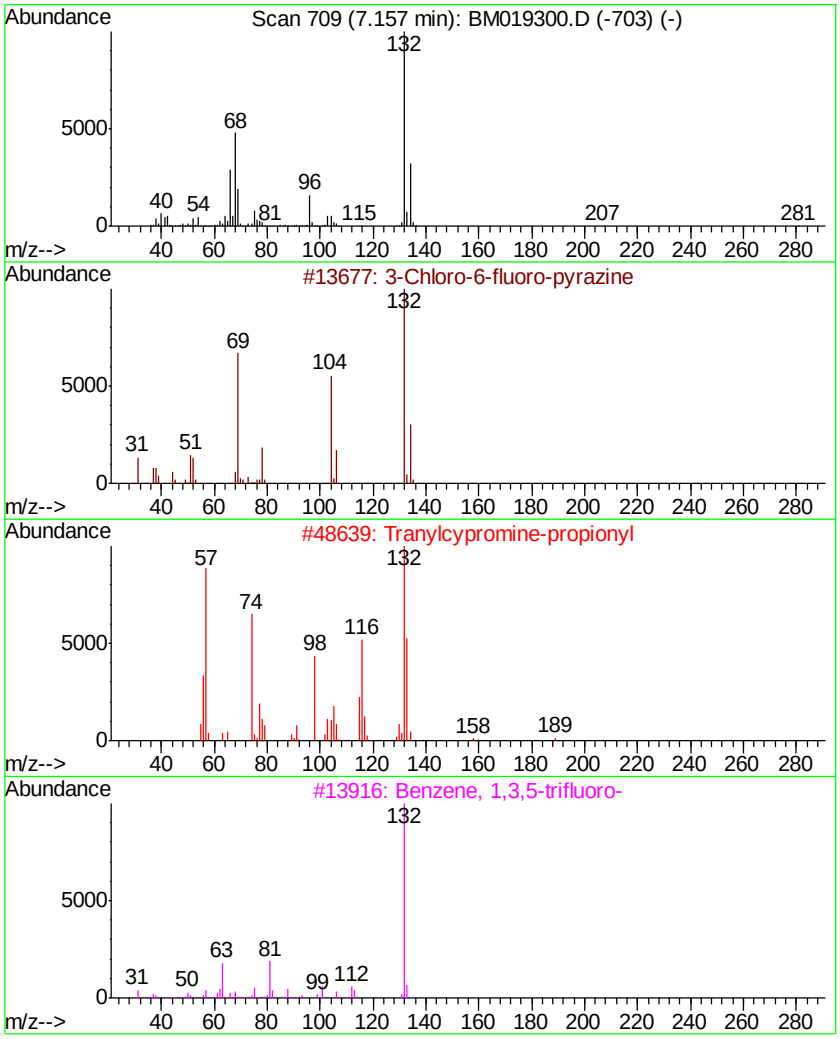
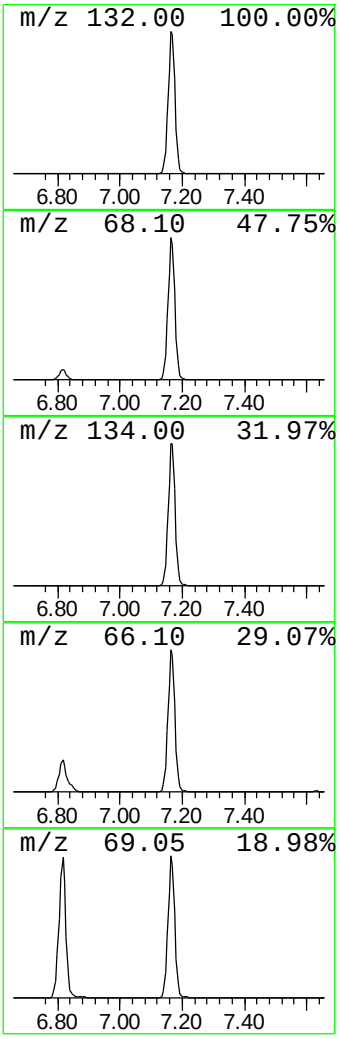
Peak Number 1 unknown7.16 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	127.86 ng	6298200	1,4-Dichlorobenzene-d4	7.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Sample : K2004-10
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Instrument : BNA_M
ClientSampleId : SB-22(12-13)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
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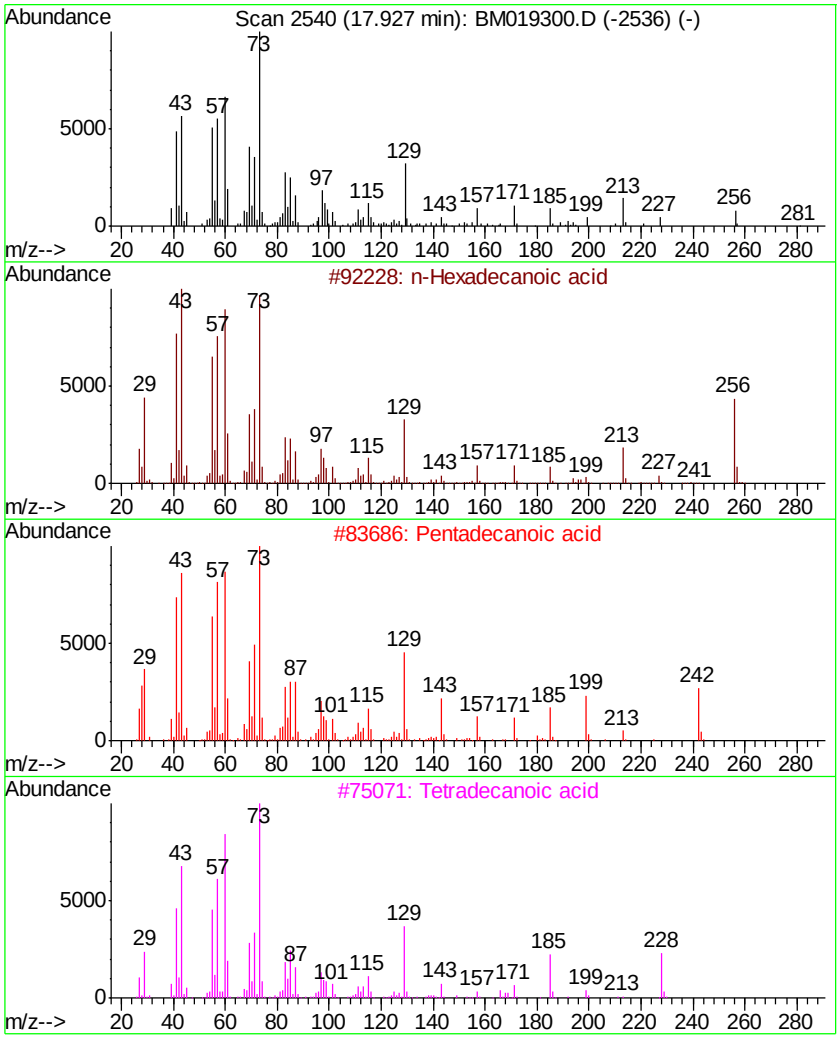
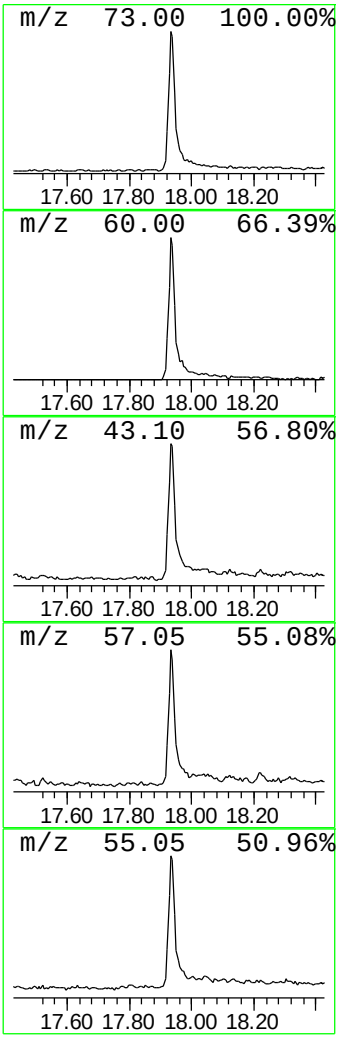
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.93	5.48 ng	706323	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
4	n-Decanoic acid	172	C10H20O2	000334-48-5	27
5	Dodecane	170	C12H26	000112-40-3	18





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Data File : BM019300.D
Acq On : 21 Mar 2019 20:57
Operator : JU/SJ
Sample : K2004-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-22(12-13)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
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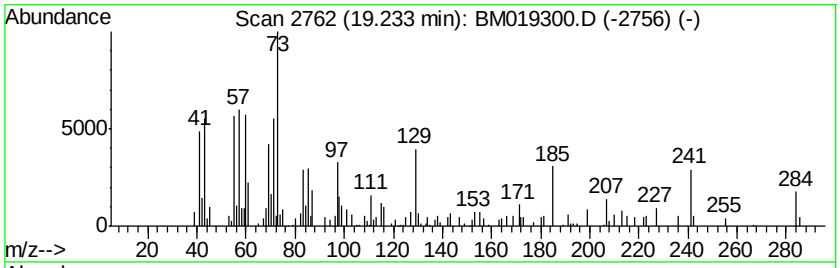
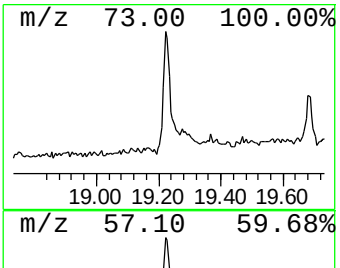
Peak Number 4 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	2.07 ng	234467	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	81
4	2-Propanol, 1-(hexadecyloxy)-	300	C19H40O2	007455-58-5	18
5	Tridecane	184	C13H28	000629-50-5	11





Library Search Compound Report

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Operator : JU/SJ
Sample : K2004-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-22(12-13)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
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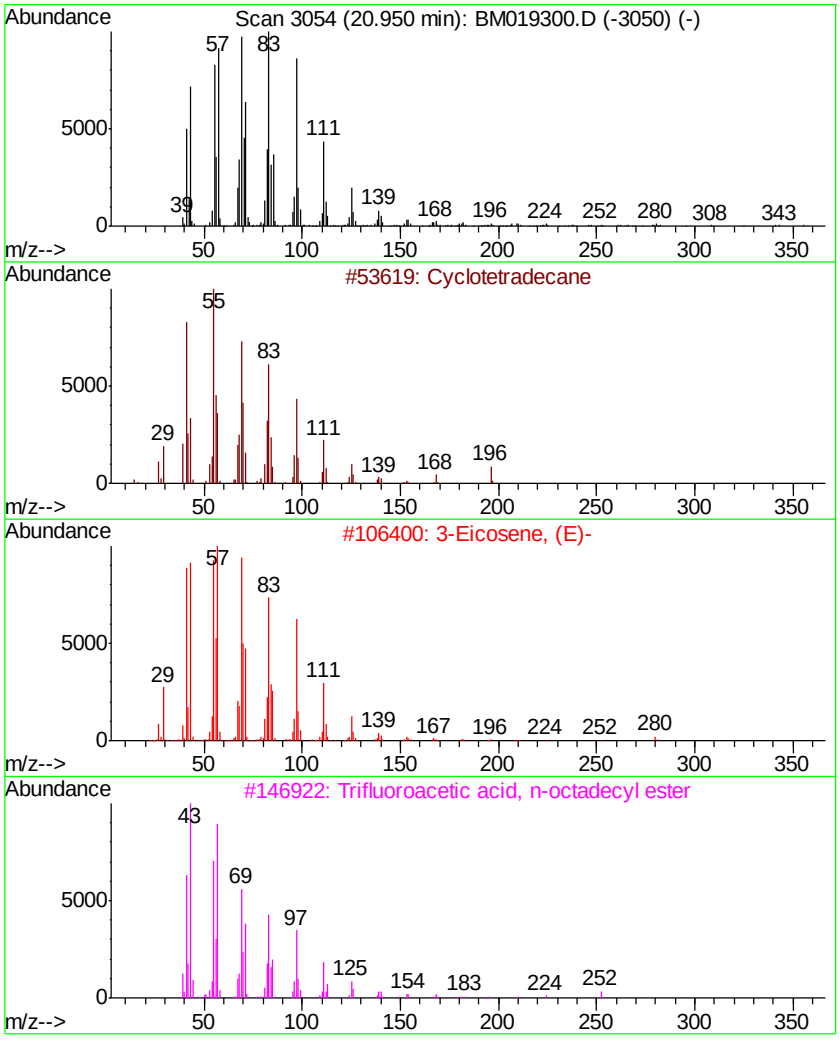
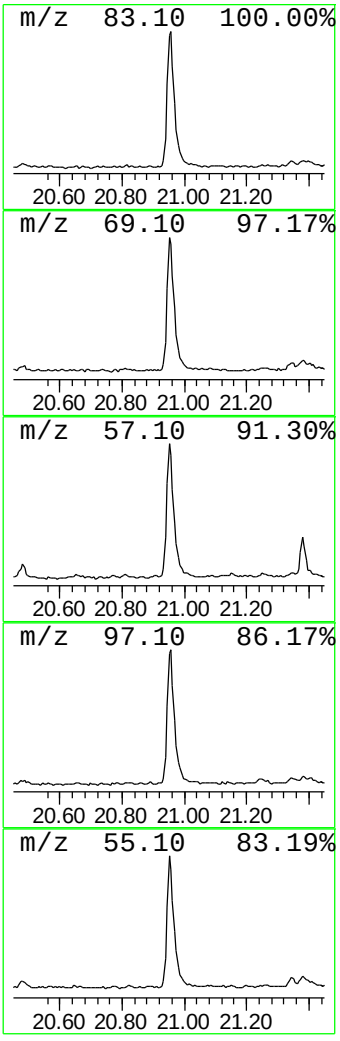
Peak Number 5 Cyclotetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	11.90 ng	1345630	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	1-Octadecanol	270	C18H38O	000112-92-5	91





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Instrument : BNA_M
ClientSampleId : SB-22(12-13)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
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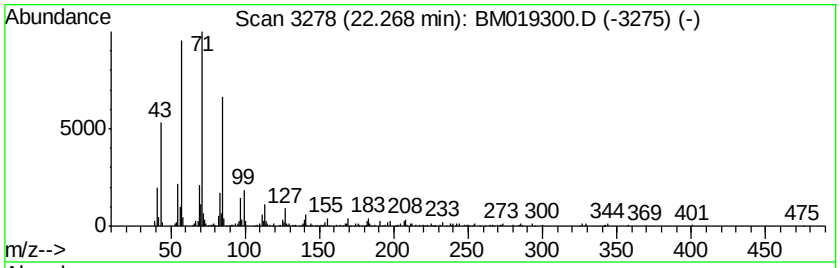
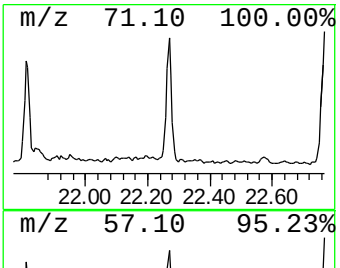
****

Peak Number 6 Heneicosane, 11-(1-ethylpro... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	2.17 ng	244953	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
2	Octacosane	394	C28H58	000630-02-4	83
3	Heptacosane	380	C27H56	000593-49-7	83
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	80
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	80





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : SB-22(12-13)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

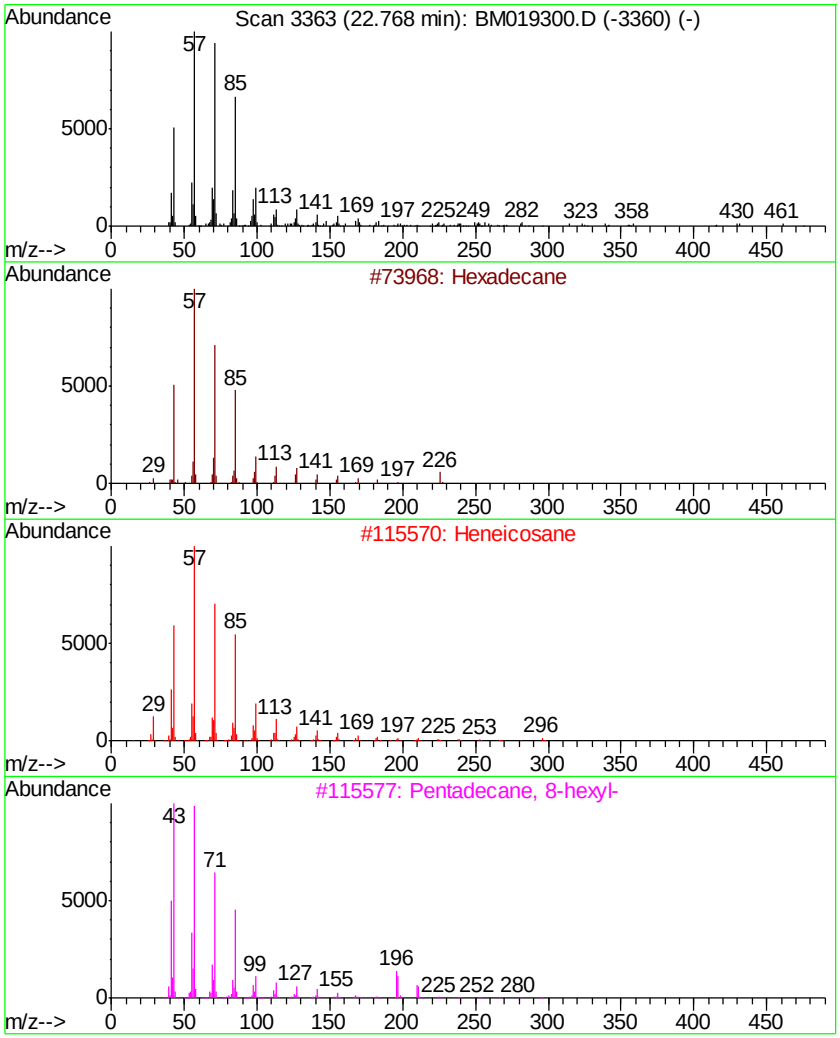
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

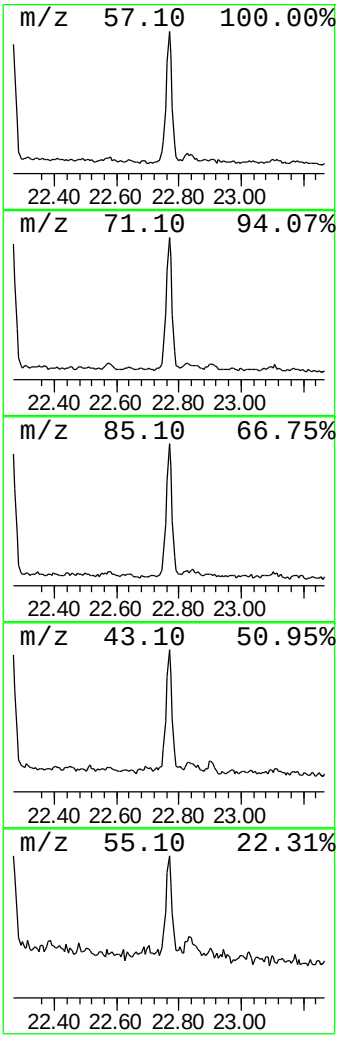
****

Peak Number 7 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.77	2.93 ng	288648	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Heneicosane	296	C21H44	000629-94-7	87
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	87
4	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
5	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	86





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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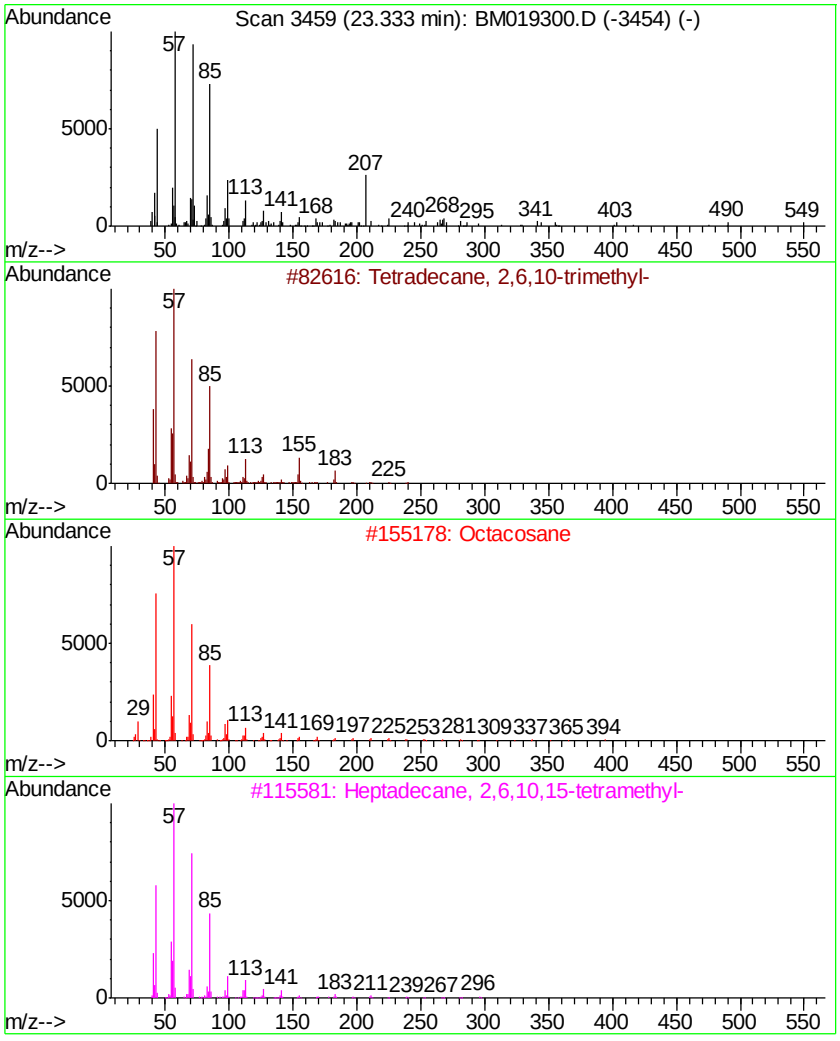
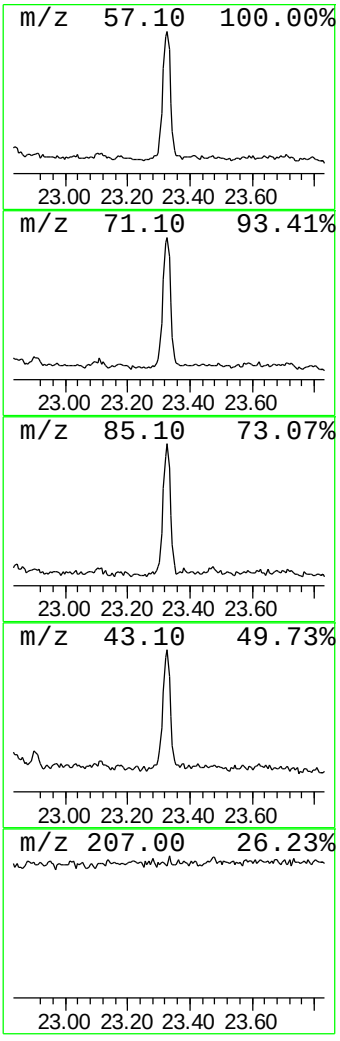
****

Peak Number 8 Tetradecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.33	2.63 ng	258965	Perylene-d12	23.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
2	Octacosane	394	C28H58	000630-02-4	87
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
5	Nonacosane	408	C29H60	000630-03-5	87





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST02.L
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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.16	7.16	127.9	ng	6298200	1	7.63	985196	20.0
n-Hexadecanoic acid	17.93	5.5	ng	706323	4	17.04	2576370	20.0
Octadecanoic acid	19.23	2.1	ng	234467	5	21.24	2261400	20.0
Cyclotetradecane	20.95	11.9	ng	1345630	5	21.24	2261400	20.0
Heneicosane, 11-(...	22.27	2.2	ng	244953	5	21.24	2261400	20.0
Hexadecane	22.77	2.9	ng	288648	6	23.47	1967430	20.0
Tetradecane, 2,6,...	23.33	2.6	ng	258965	6	23.47	1967430	20.0