LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018298.D
Acq On : 19 Dec 2018 15:08
Operator : JU/SJ
Sample : J6446-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P001-SS022-0612-02

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-BM121518.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	4.681	299	305	310	rBV	65661	90460	2.00%	0.308%
2	5.122	374	380	394	rBV	1655791	2353468	51.97%	8.006%
3	6.687	639	646	660	rBV	1507733	2620654	57.87%	8.915%
4	7.028	696	704	713	rBV	1681975	2588705	57.17%	8.806%
5	7.487	775	782	791	rBV	380043	586731	12.96%	1.996%
6	7.798	828	835	844	rBV	1233953	1918906	42.37%	6.527%
7	8.645	971	979	996	rBV	834362	1484865	32.79%	5.051%
8	10.251	1244	1252	1271	rBV	404442	747568	16.51%	2.543%
9	12.751	1670	1677	1692	rBV	2135409	3084112	68.10%	10.491%
10	13.621	1816	1825	1835	rBV	170537	302336	6.68%	1.028%
11	14.145	1907	1914	1927	rBV2	599537	944673	20.86%	3.213%
12	15.651	2164	2170	2182	rBV	1693750	2539040	56.07%	8.637%
13	16.909	2378	2384	2399	rVB	738131	1145296	25.29%	3.896%
14	17.821	2534	2539	2547	rBV	280053	407696	9.00%	1.387%
15	18.692	2683	2687	2693	rVB7	25784	46719	1.03%	0.159%
16	18.986	2731	2737	2741	rBV	37118	63887	1.41%	0.217%
17	19.115	2755	2759	2766	rBV3	102089	166335	3.67%	0.566%
18	19.562	2829	2835	2847	rBV	3710026	4528475	100.00%	15.404%
19	20.850	3050	3054	3063	rBV	417913	557410	12.31%	1.896%
20	21.127	3096	3101	3107	rBV	1170130	1627988	35.95%	5.538%
21	22.156	3273	3276	3279	rBV4	140533	165831	3.66%	0.564%
22	23.285	3462	3468	3475	rVB	806903	1426252	31.50%	4.852%

Sum of corrected areas: 29397407

LSC Report - Integrated Chromatogram

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Misc :
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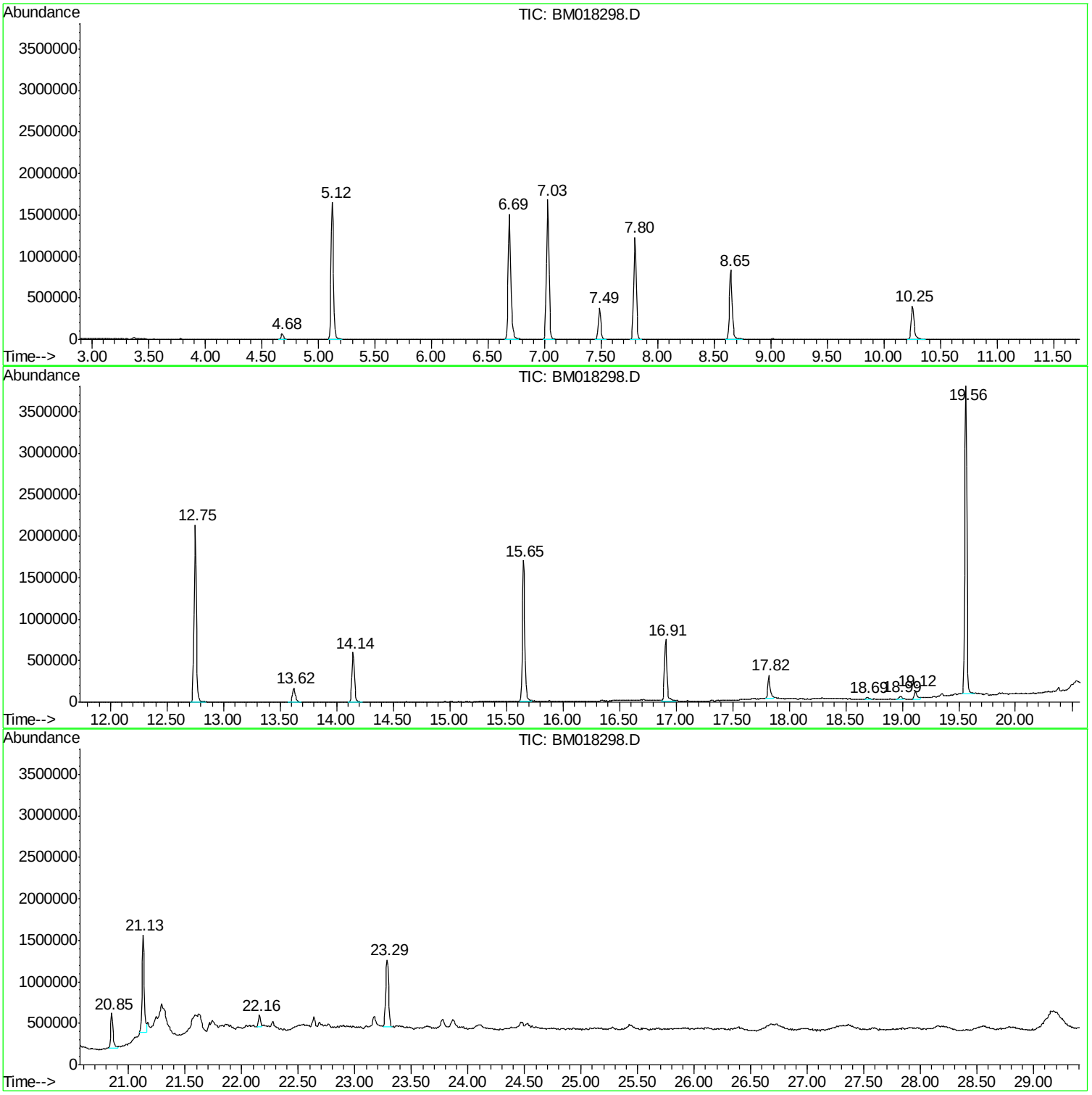
Instrument : BNA_M
ClientSampleId : P001-SS022-0612-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Data File : BM018298.D
Acq On : 19 Dec 2018 15:08
Operator : JU/SJ
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Misc :
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Instrument : BNA_M
ClientSampleId : P001-SS022-0612-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

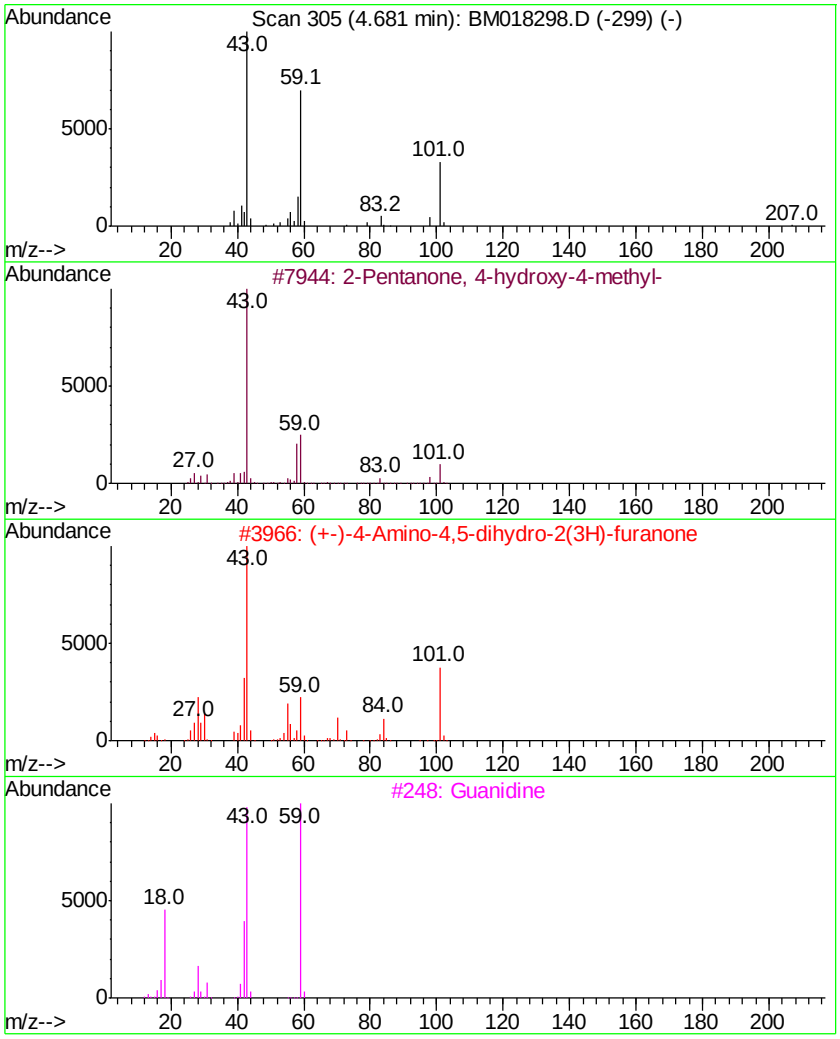
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

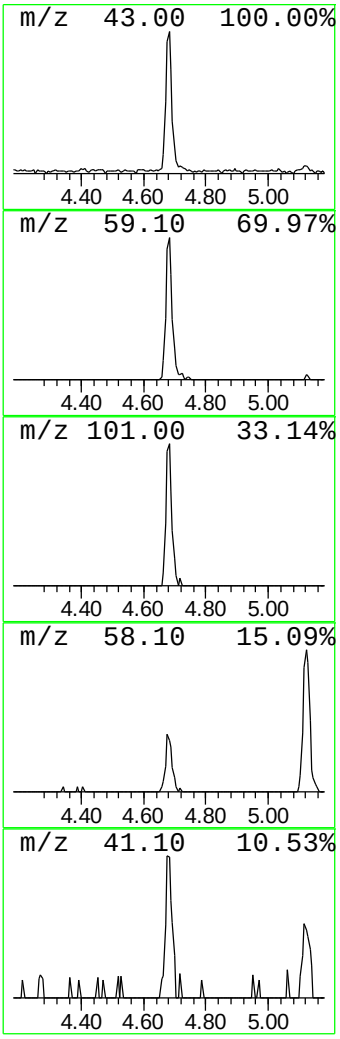
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	3.08 ng	90460	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
3	Guanidine	59	CH5N3	000113-00-8	43
4	Dimethadione	129	C5H7NO3	000695-53-4	28
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25





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Instrument : BNA_M
ClientSampleId : P001-SS022-0612-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

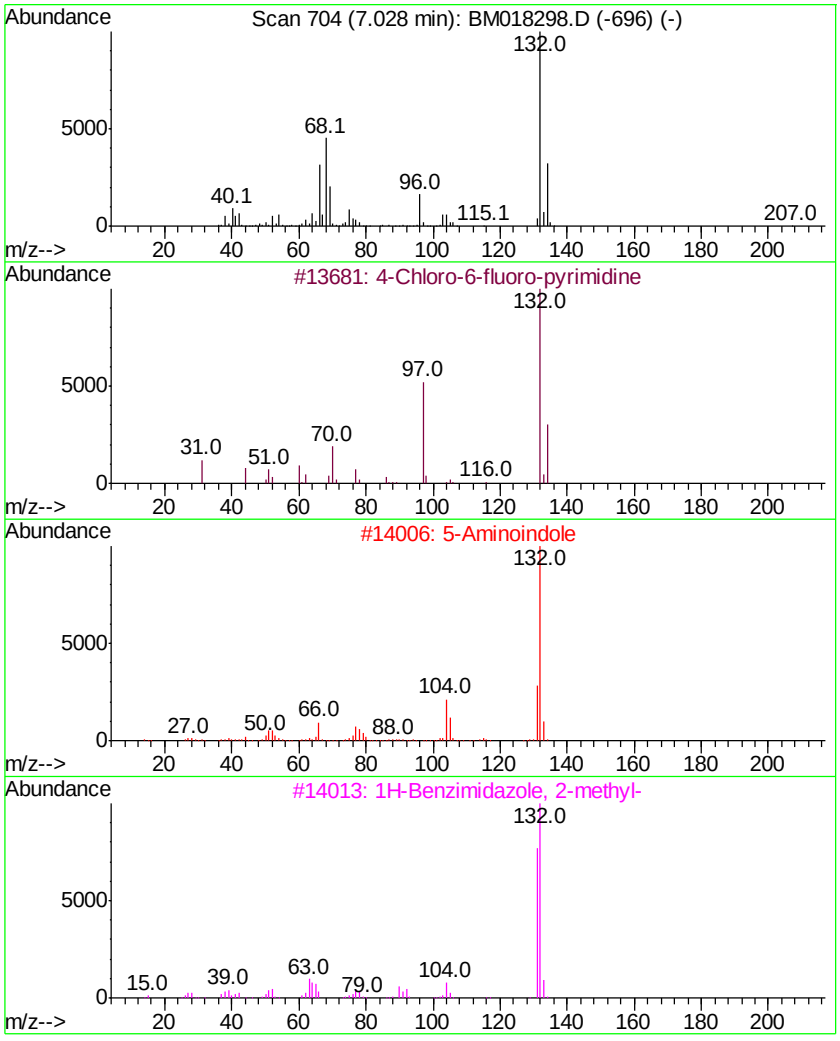
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

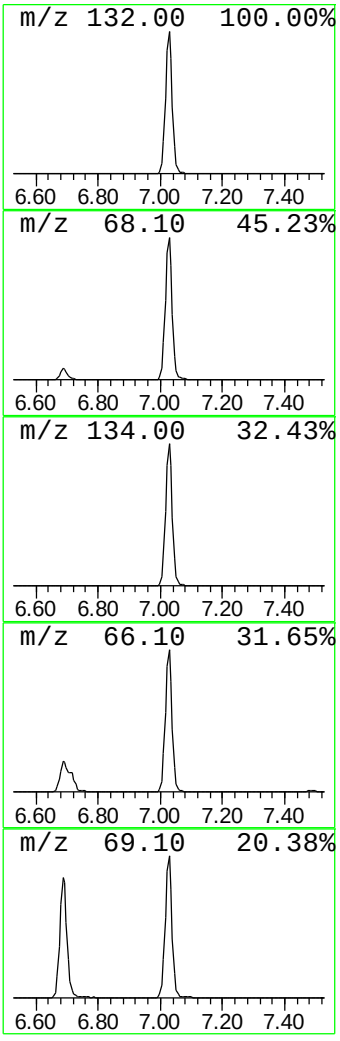
****

Peak Number 2 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	88.24 ng	2588710	1,4-Dichlorobenzene-d4	7.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Library Search Compound Report

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

Instrument : BNA_M
ClientSampleId : P001-SS022-0612-02

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

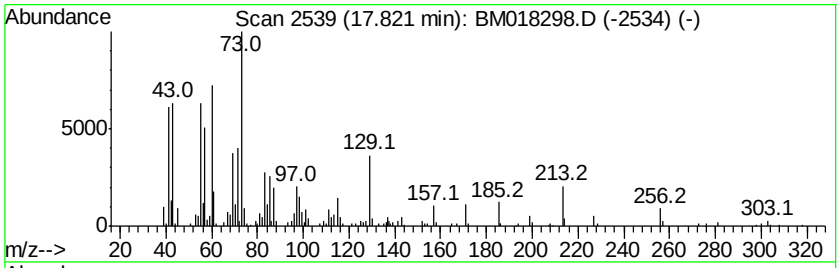
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

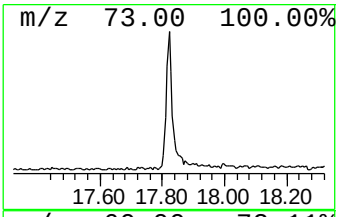
****

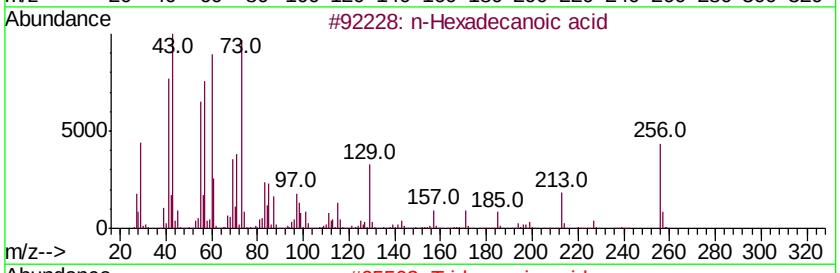
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

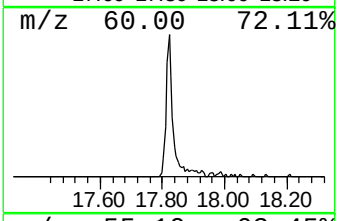
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	7.12 ng	407696	Phenanthrene-d10	16.91

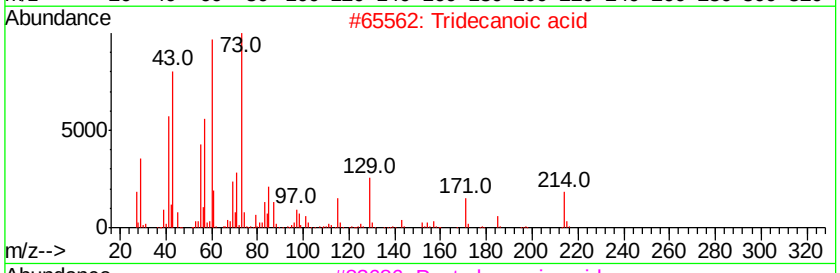
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Methoxyacetic acid, 2-tetradecyl...	286	C17H34O3	1000282-04-8	18
5	Hexadecane	226	C16H34	000544-76-3	18

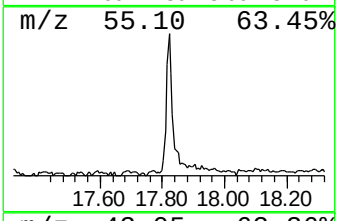


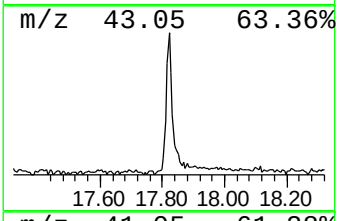


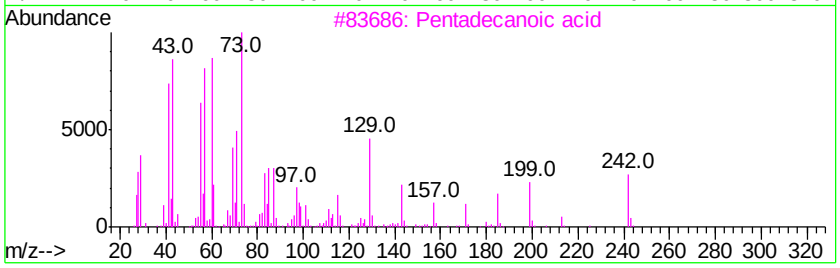


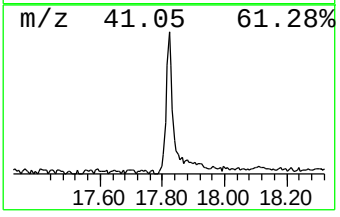












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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

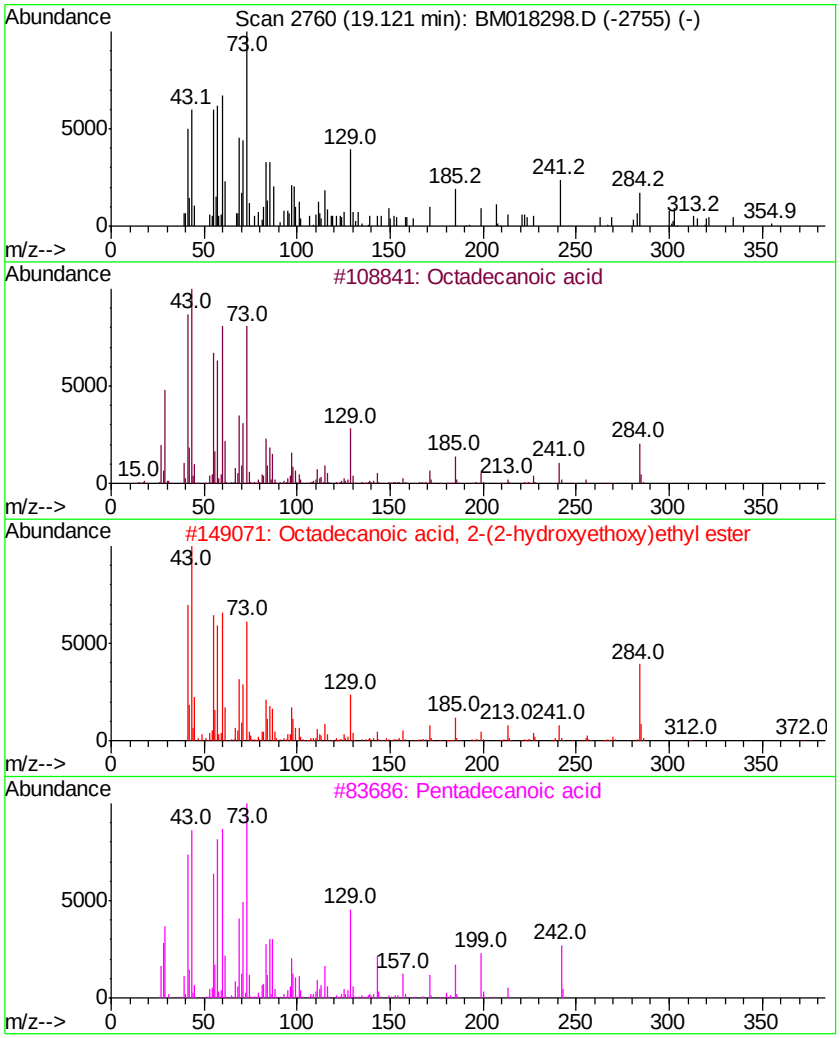
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

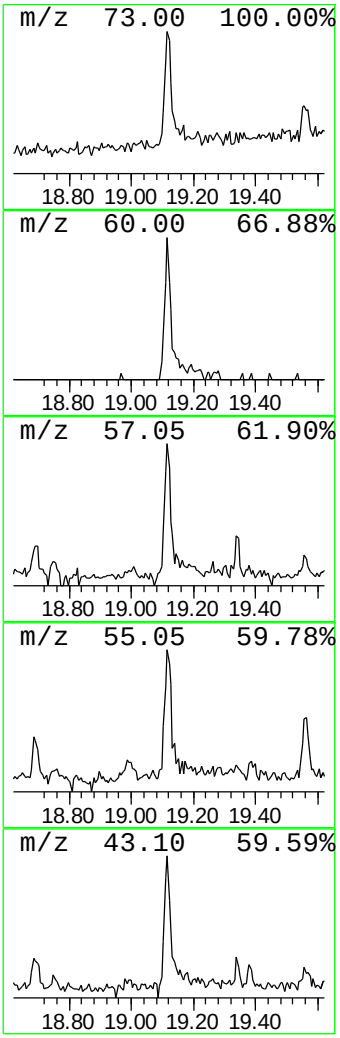
****

Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.12	2.04 ng	166335	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Tridecanoic acid	214	C13H26O2	000638-53-9	45





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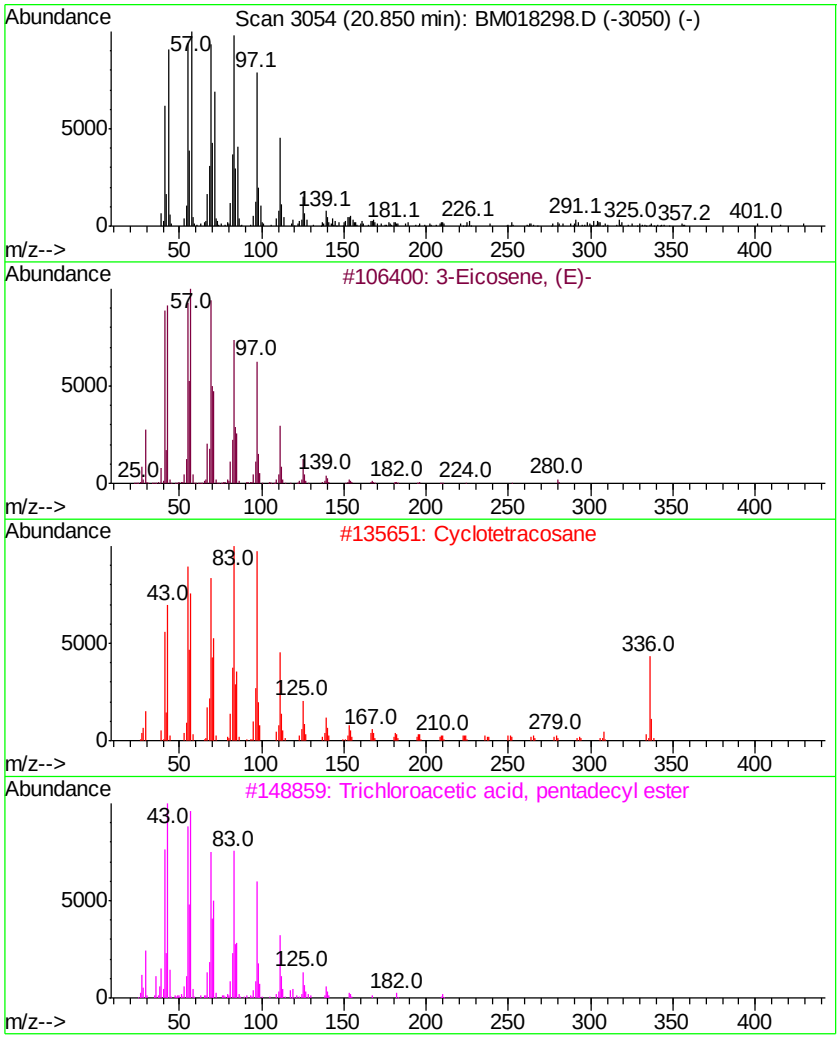
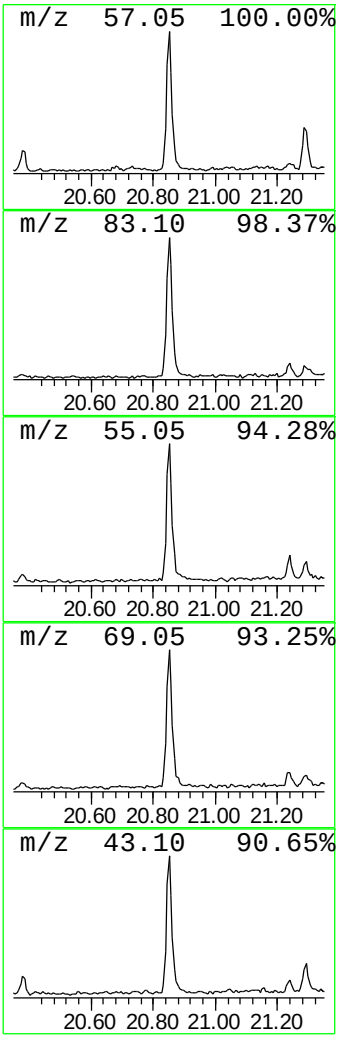
****

Peak Number 6 3-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	6.85 ng	557410	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	Cyclotetracosane	336	C24H48	000297-03-0	94
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
4	1-Hexacosanol	382	C26H54O	000506-52-5	91
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91





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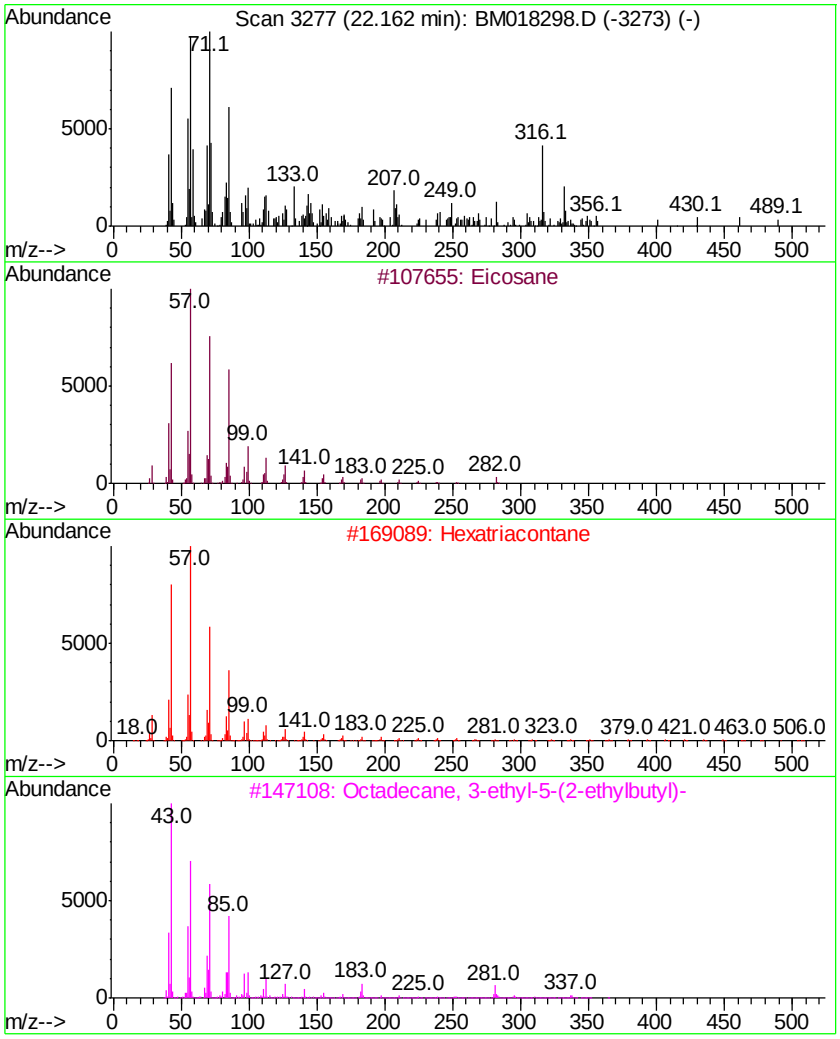
TIC Integration Parameters: LSCINT.P

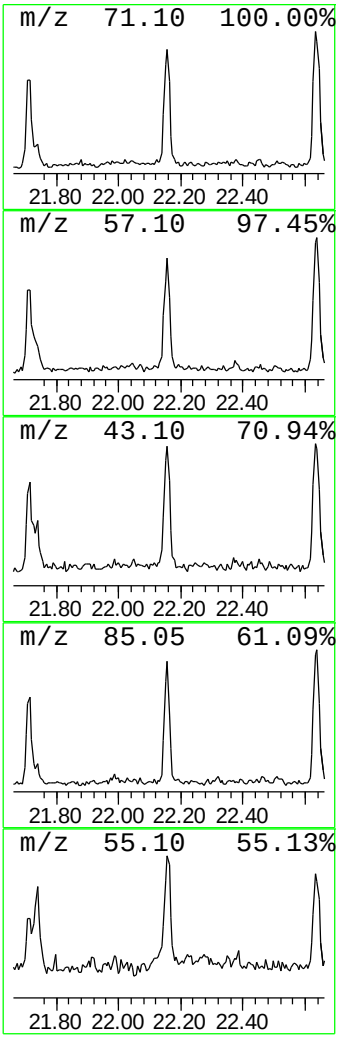
****

Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	2.04 ng	165831	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	64
2	Hexatriacontane	507	C36H74	000630-06-8	58
3	Octadecane, 3-ethyl-5-(2-ethylbu...	366	C26H54	055282-12-7	53
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	53
5	10-Methylnonadecane	282	C20H42	056862-62-5	50





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.68	3.1	ng	90460	1	7.49	586731	20.0
unknown7.03	7.03	88.2	ng	2588710	1	7.49	586731	20.0
n-Hexadecanoic acid	17.82	7.1	ng	407696	4	16.91	1145300	20.0
Octadecanoic acid	19.12	2.0	ng	166335	5	21.13	1627990	20.0
3-Eicosene, (E)-	20.85	6.8	ng	557410	5	21.13	1627990	20.0
Eicosane	22.16	2.0	ng	165831	5	21.13	1627990	20.0