LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051219\
Data File : BM020296.D
Acq On : 12 May 2019 13:44
Operator : JU/SJ
Sample : K2766-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P026-SS006-1824-01

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-BM043019.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	5.345	395	401	415	rBV	1182916	1720548	48.79%	7.948%
2	6.934	663	671	684	rBV	1049607	1763474	50.01%	8.146%
3	7.292	725	732	743	rBV	1147953	1871938	53.09%	8.647%
4	7.763	806	812	820	rBV	229877	370910	10.52%	1.713%
5	8.081	859	866	878	rBV	881730	1423936	40.38%	6.578%
6	8.933	1003	1011	1024	rBV	609883	1079127	30.60%	4.985%
7	10.557	1279	1287	1297	rBV	241619	426193	12.09%	1.969%
8	13.027	1700	1707	1720	rBV	1515727	2251732	63.86%	10.402%
9	13.868	1845	1850	1864	rBV	108517	156118	4.43%	0.721%
10	14.410	1936	1942	1955	rBV2	364071	563369	15.98%	2.602%
11	15.904	2190	2196	2215	rBV	1248734	1892119	53.66%	8.741%
12	17.162	2403	2410	2414	rBV2	476293	706574	20.04%	3.264%
13	17.198	2414	2416	2428	rVB	48983	73112	2.07%	0.338%
14	18.039	2554	2559	2563	rBV2	77990	110839	3.14%	0.512%
15	18.086	2563	2567	2575	rVB2	18217	36560	1.04%	0.169%
16	19.221	2755	2760	2765	rVB	93146	125101	3.55%	0.578%
17	19.586	2817	2822	2830	rVB	165582	231860	6.58%	1.071%
18	19.786	2851	2856	2866	rBV	2884548	3526162	100.00%	16.289%
19	19.915	2872	2878	2886	rBV3	20431	52085	1.48%	0.241%
20	20.062	2896	2903	2904	rBV6	22662	43928	1.25%	0.203%
21	20.374	2953	2956	2960	rBV	28729	37574	1.07%	0.174%
22	21.044	3065	3070	3078	rBV3	205890	325253	9.22%	1.503%
23	21.350	3115	3122	3126	rBV	740084	1125016	31.90%	5.197%
24	21.386	3126	3128	3134	rVB	104559	124913	3.54%	0.577%
25	22.950	3389	3394	3406	rVB3	83301	265102	7.52%	1.225%
26	23.432	3472	3476	3482	rBV	74216	121756	3.45%	0.562%
27	23.532	3490	3493	3500	rVB	85875	145992	4.14%	0.674%
28	23.632	3504	3510	3526	rVB	538810	1076032	30.52%	4.971%

Sum of corrected areas: 21647323

LSC Report - Integrated Chromatogram

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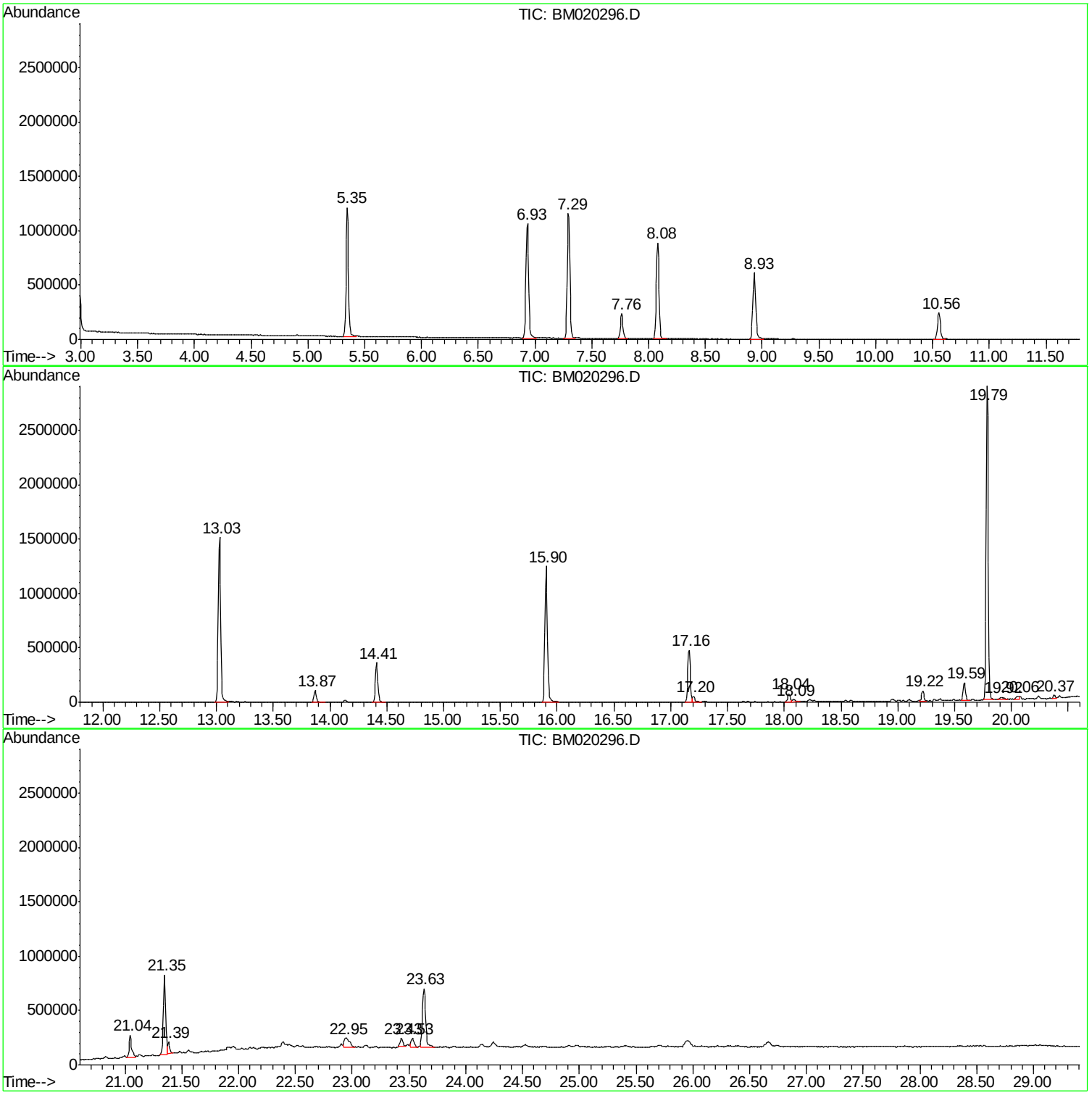
Instrument : BNA_M
ClientSampleId : P026-SS006-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.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

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

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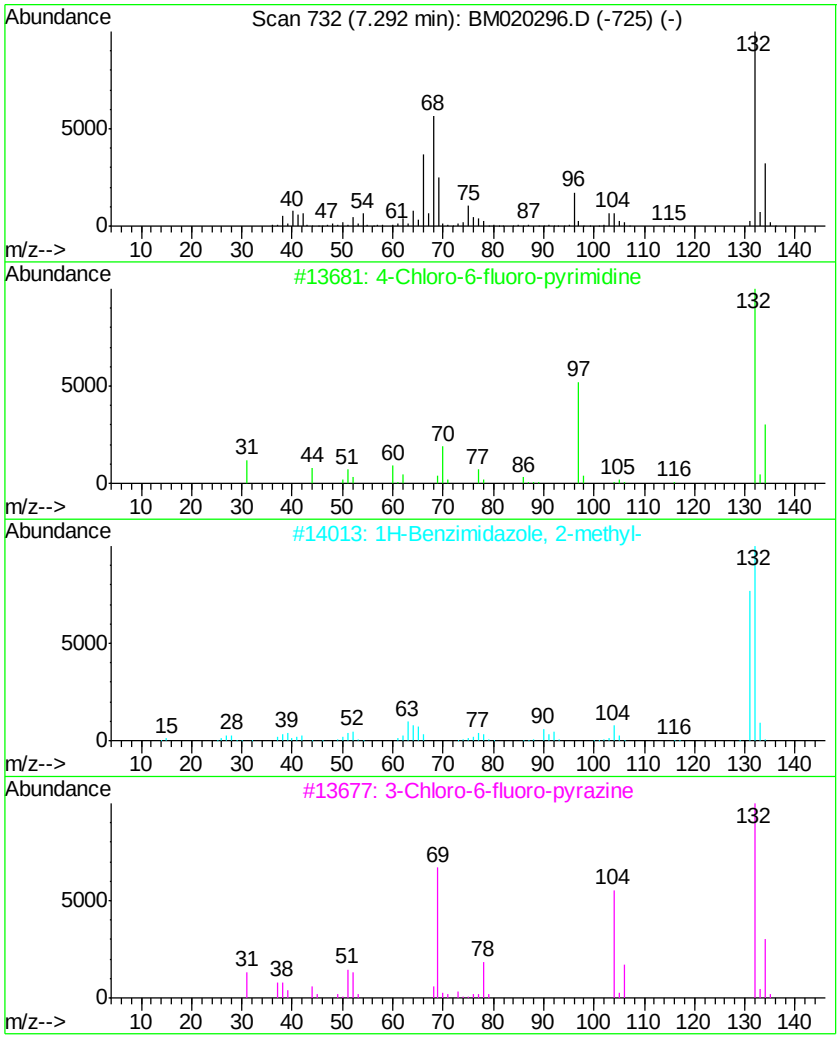
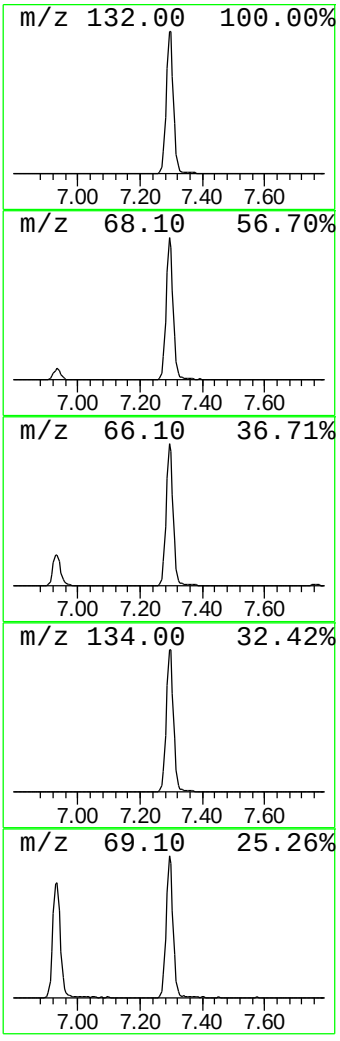
Peak Number 1 unknown7.29 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	100.94 ng	1871940	1,4-Dichlorobenzene-d4	7.76

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





Library Search Compound Report

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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P026-SS006-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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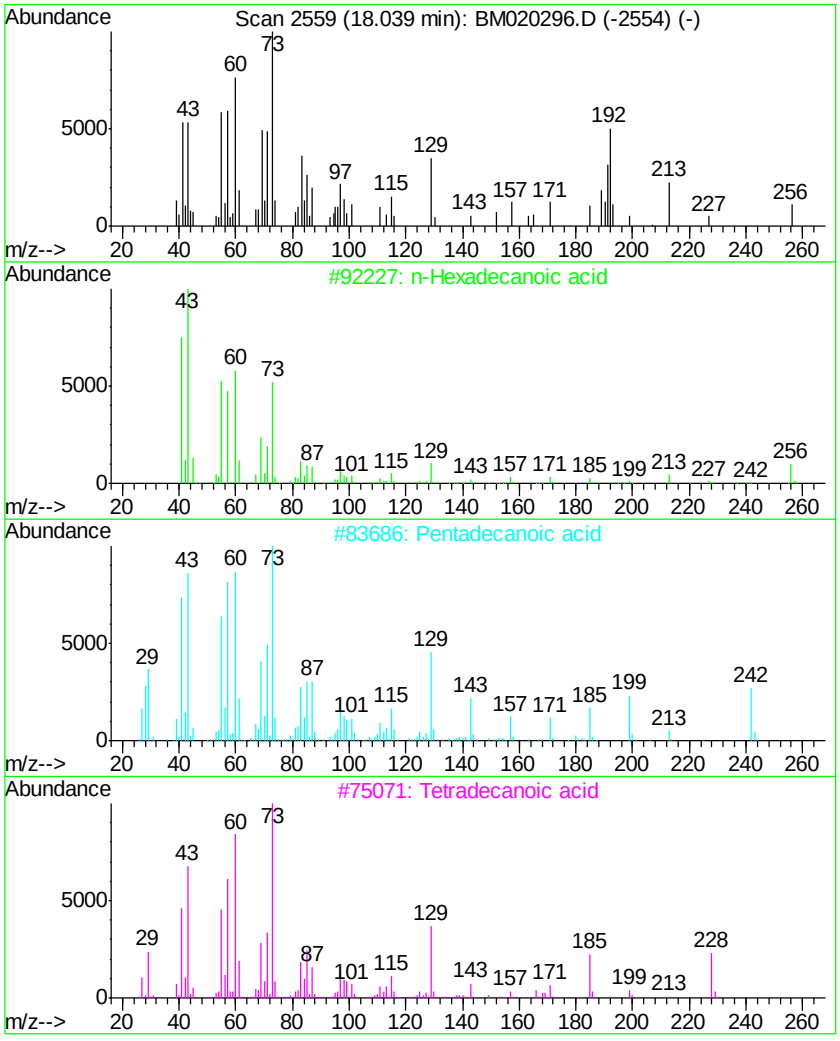
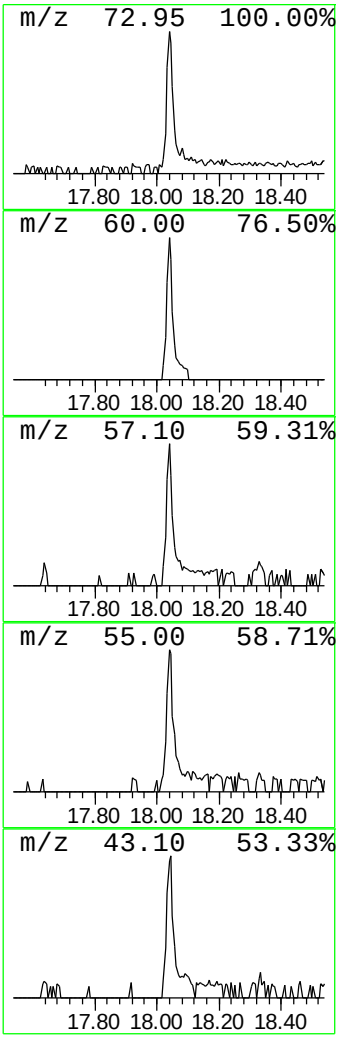
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	3.14 ng	110839	Phenanthrene-d10	17.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	49
4	Tridecanoic acid	214	C13H26O2	000638-53-9	47
5	Dodecanoic acid	200	C12H24O2	000143-07-7	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051219\
Data File : BM020296.D
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Operator : JU/SJ
Sample : K2766-04
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P026-SS006-1824-01

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
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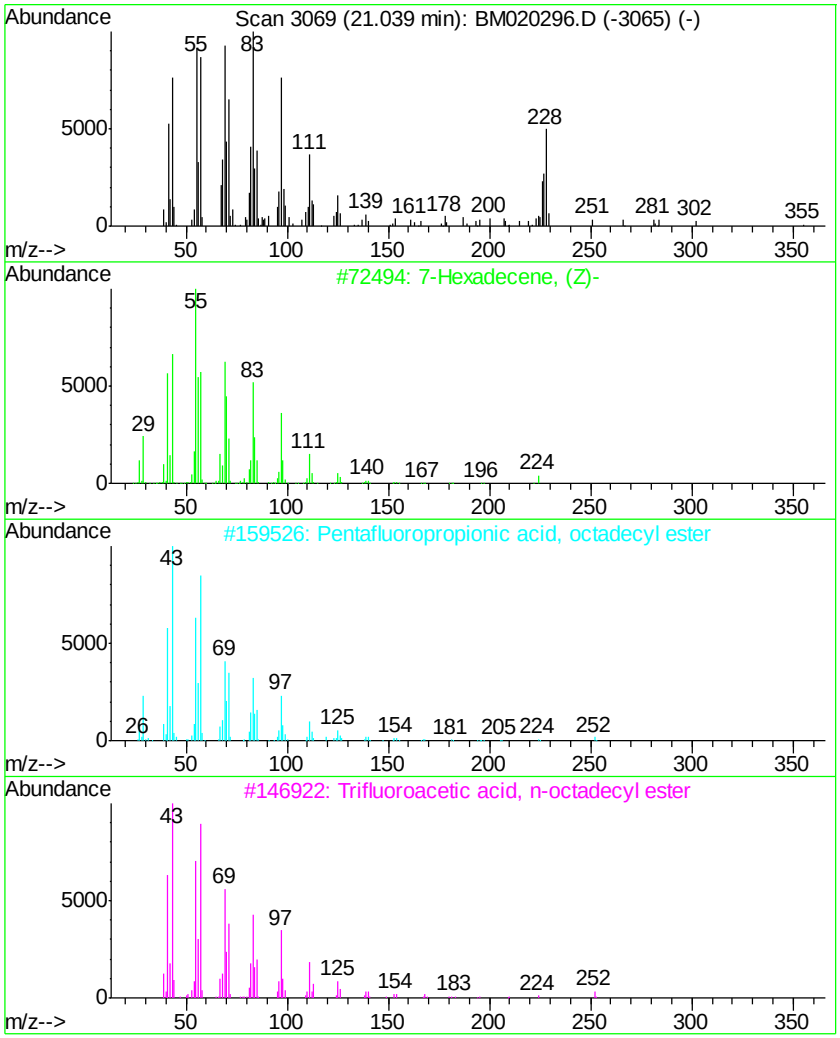
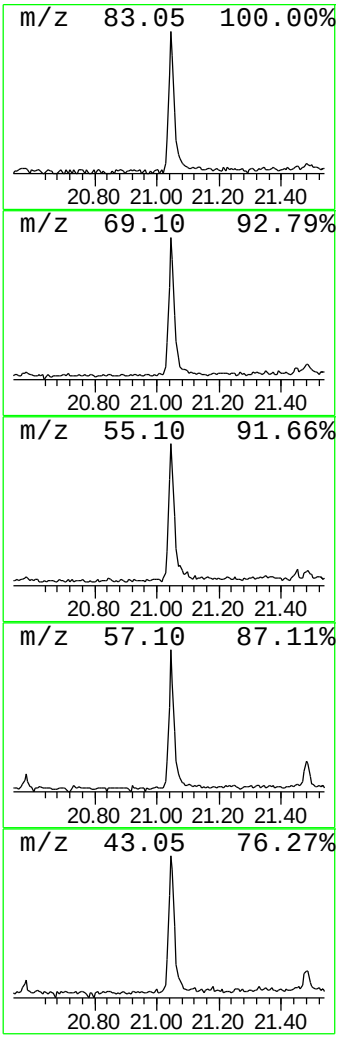
Peak Number 4 7-Hexadecene, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.04	5.78 ng	325253	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	91
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	91
3	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90





Library Search Compound Report

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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
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TIC Library : C:\DATABASE\NIST02.L
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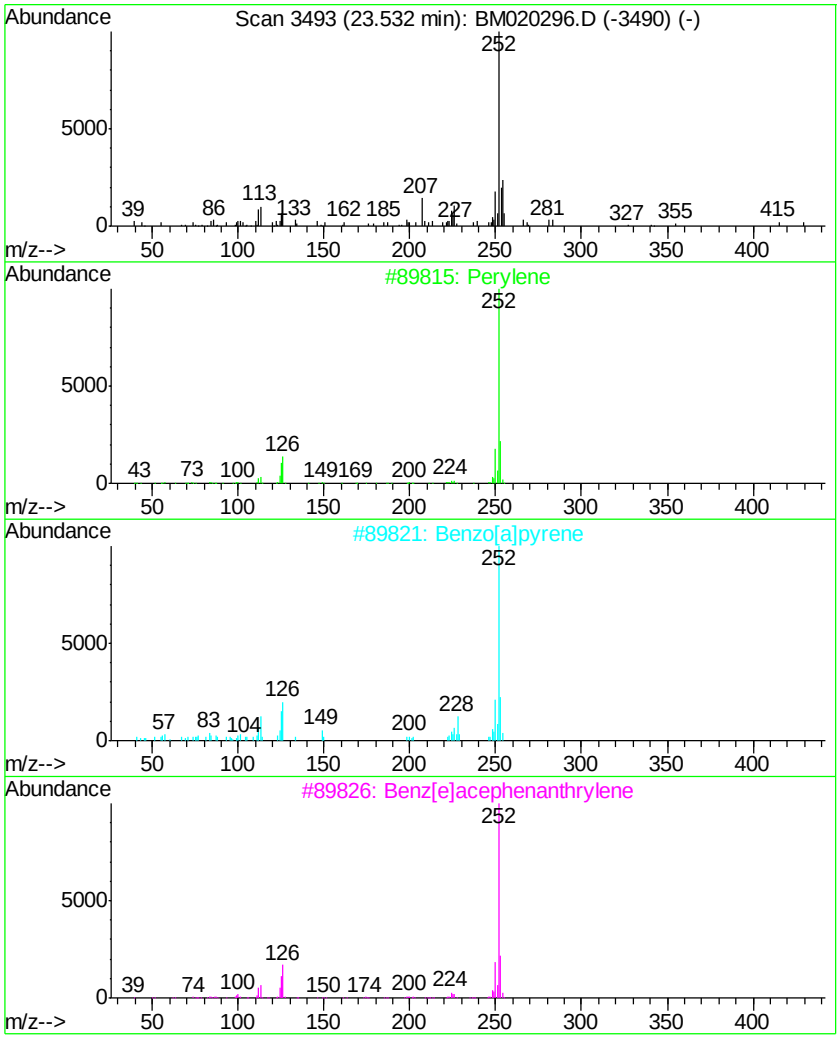
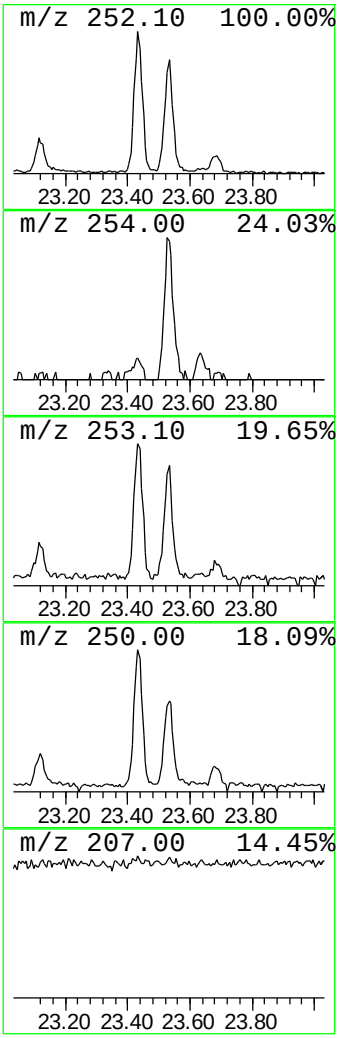
Peak Number 6 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.53	2.71 ng	145992	Perylene-d12	23.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	68
2	Benzo[a]pyrene	252	C20H12	000050-32-8	64
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	62
4	3-[4-Chlorophenyl]-1-methyl naph...	252	C17H13Cl	055614-28-3	59
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	58





Tentatively Identified Compound (LSC) summary

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.29	7.29	100.9	ng	1871940	1	7.76	370910	20.0
n-Hexadecanoic acid	18.04	3.1	ng	110839	4	17.16	706574	20.0
7-Hexadecene, (Z)-	21.04	5.8	ng	325253	5	21.35	1125020	20.0
Perylene	23.53	2.7	ng	145992	6	23.63	1076030	20.0