LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020178.D
Acq On : 07 May 2019 23:08
Operator : JU/SJ
Sample : K2704-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-2(33.5-35.5)

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	5.369	398	405	416	rBV	3185029	4464804	48.59%	8.328%
2	6.957	664	675	688	rBV	3046667	4788078	52.11%	8.931%
3	7.322	728	737	747	rBV	3061150	5009144	54.51%	9.344%
4	7.787	809	816	829	rVB	478244	794524	8.65%	1.482%
5	8.104	862	870	879	rBV	2341569	3672387	39.96%	6.850%
6	8.951	1007	1014	1026	rBV	1770263	3027818	32.95%	5.648%
7	10.581	1285	1291	1298	rBV	556889	921741	10.03%	1.719%
8	13.045	1703	1710	1722	rBV	4161468	6286463	68.41%	11.726%
9	13.886	1848	1853	1859	rVB	287501	401963	4.37%	0.750%
10	14.433	1940	1946	1951	rVV2	782487	1202397	13.09%	2.243%
11	15.668	2148	2156	2162	rVB5	46150	118411	1.29%	0.221%
12	15.921	2189	2199	2207	rBV	3947634	5478917	59.62%	10.220%
13	16.145	2232	2237	2244	rBV	123561	182347	1.98%	0.340%
14	16.962	2372	2376	2381	rBV	79772	108314	1.18%	0.202%
15	17.174	2406	2412	2417	rBV	1004905	1535577	16.71%	2.864%
16	17.221	2417	2420	2426	rVB	180500	252765	2.75%	0.471%
17	18.057	2557	2562	2566	rBV2	481811	671678	7.31%	1.253%
18	18.251	2589	2595	2597	rBV4	58271	106122	1.15%	0.198%
19	18.968	2713	2717	2723	rBV2	59676	97832	1.06%	0.182%
20	19.233	2757	2762	2769	rVB	352943	483131	5.26%	0.901%
21	19.339	2776	2780	2784	rBV	209854	291750	3.17%	0.544%
22	19.568	2815	2819	2820	rBV2	75629	93851	1.02%	0.175%
23	19.598	2821	2824	2831	rVV	301028	456918	4.97%	0.852%
24	19.668	2833	2836	2843	rVB5	49344	96549	1.05%	0.180%
25	19.804	2853	2859	2868	rVB	7692607	9189027	100.00%	17.141%
26	21.056	3069	3072	3075	rBV3	157500	153684	1.67%	0.287%
27	21.356	3118	3123	3128	rBV	1386303	1975919	21.50%	3.686%
28	23.644	3507	3512	3518	rVB	987867	1747325	19.02%	3.259%

Sum of corrected areas: 53609436

LSC Report - Integrated Chromatogram

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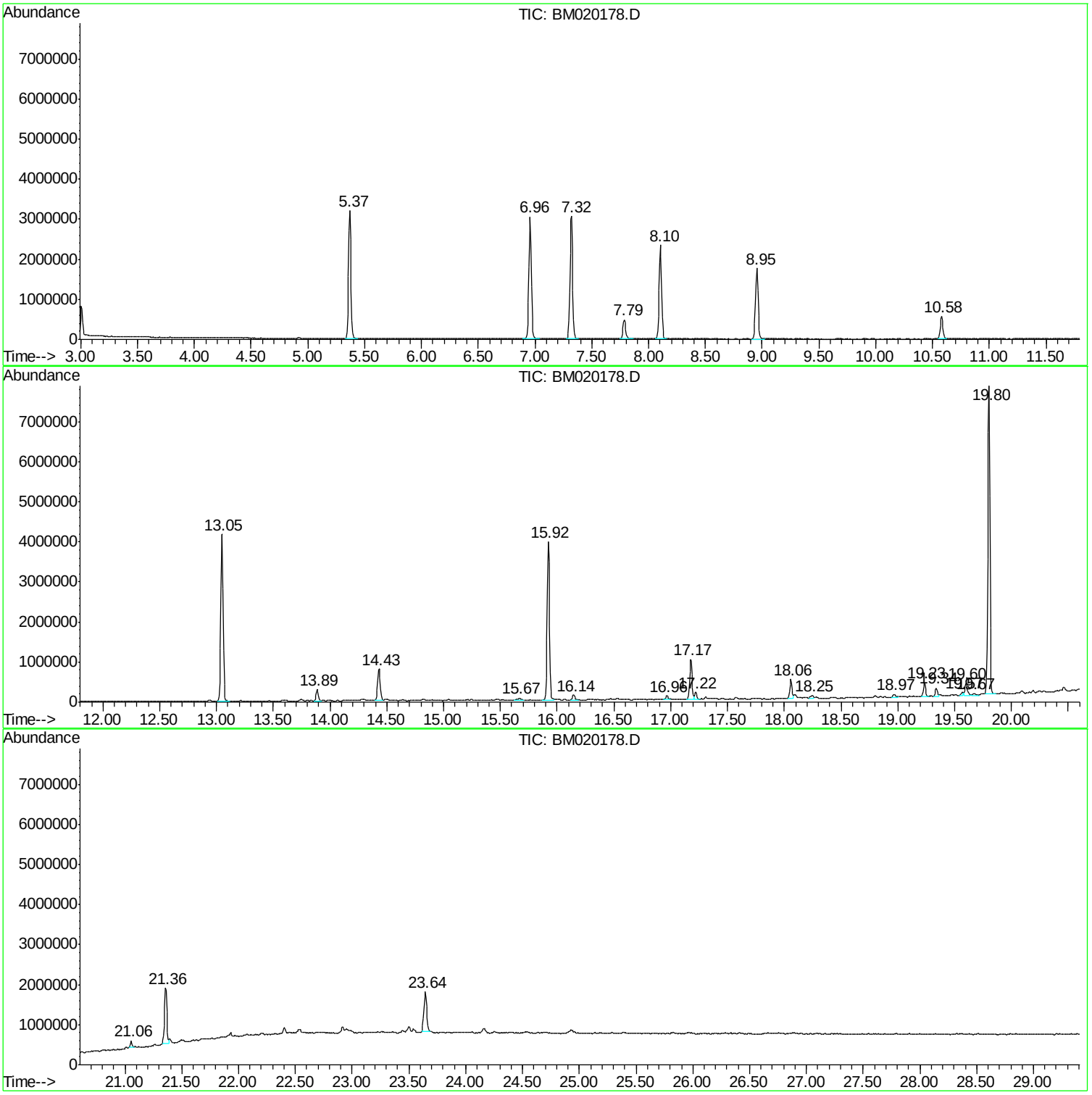
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-2(33.5-35.5)

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020178.D
Acq On : 07 May 2019 23:08
Operator : JU/SJ
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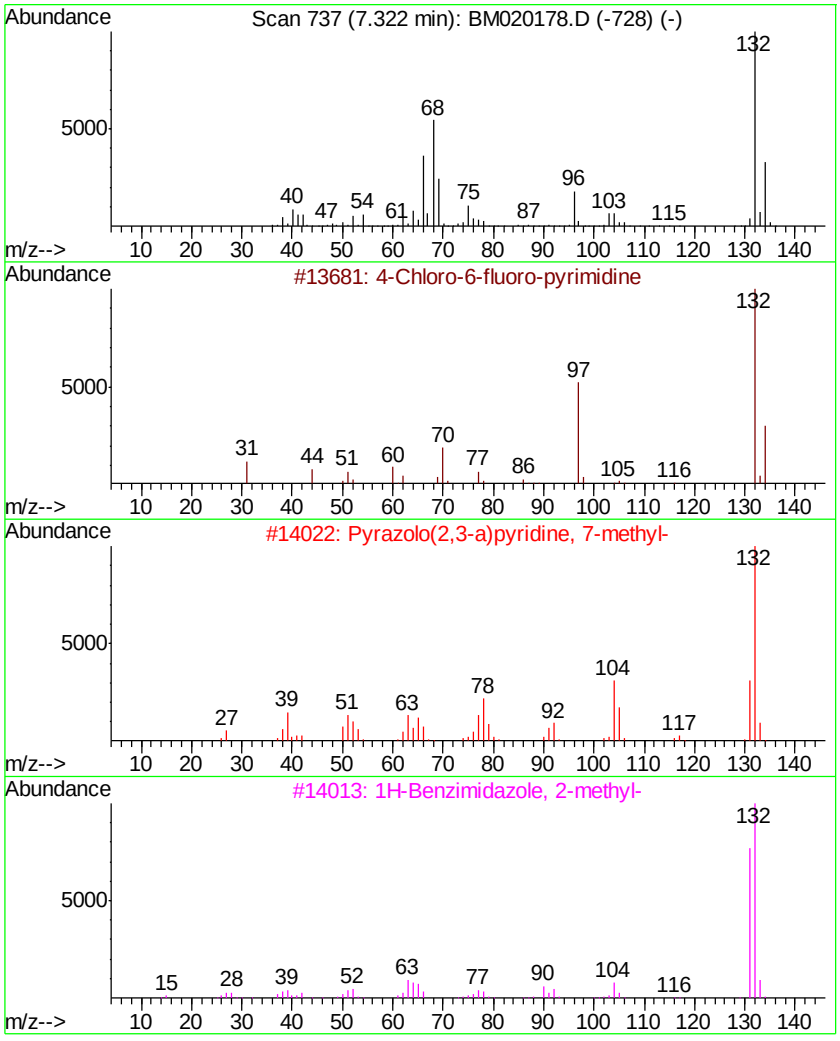
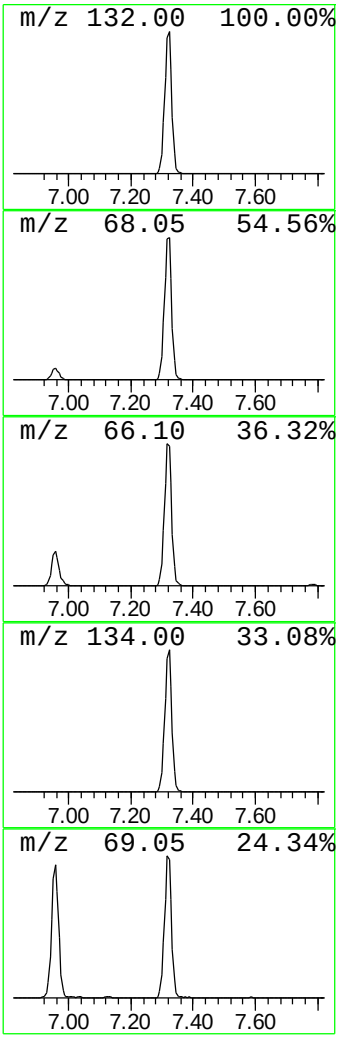
Peak Number 1 unknown7.32 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.32	126.09 ng	5009140	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	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	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	12





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Instrument : BNA_M
ClientSampleId : SB-2(33.5-35.5)

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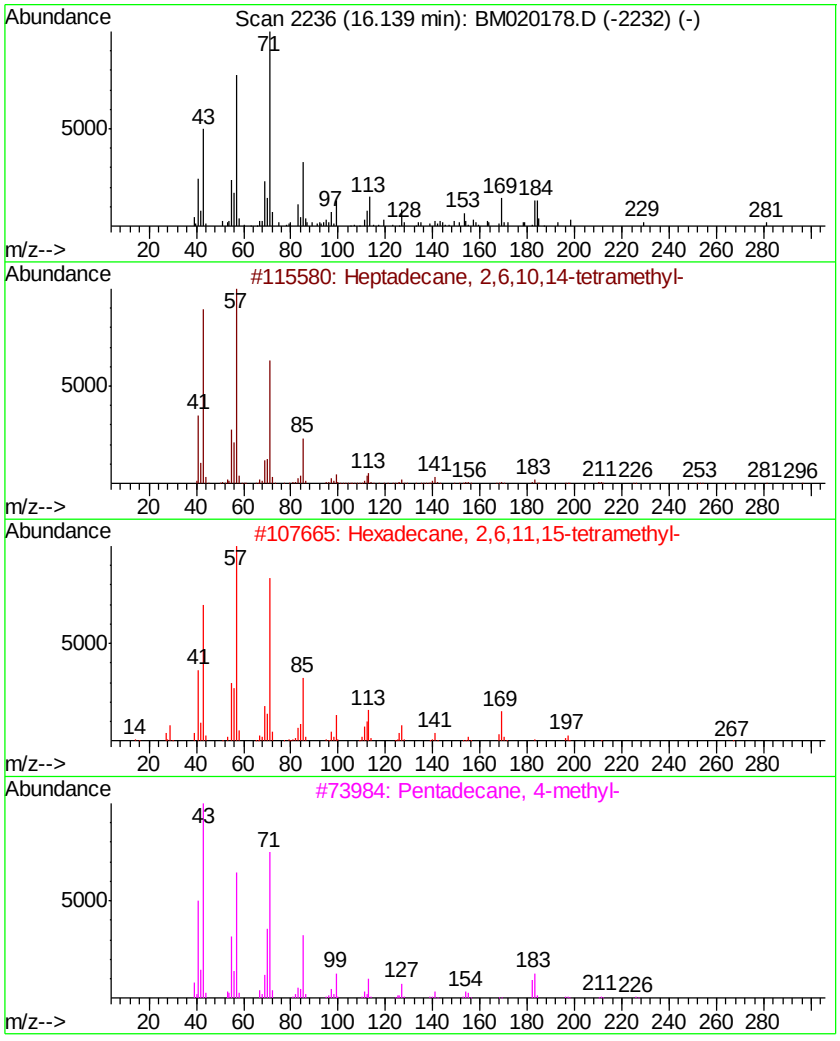
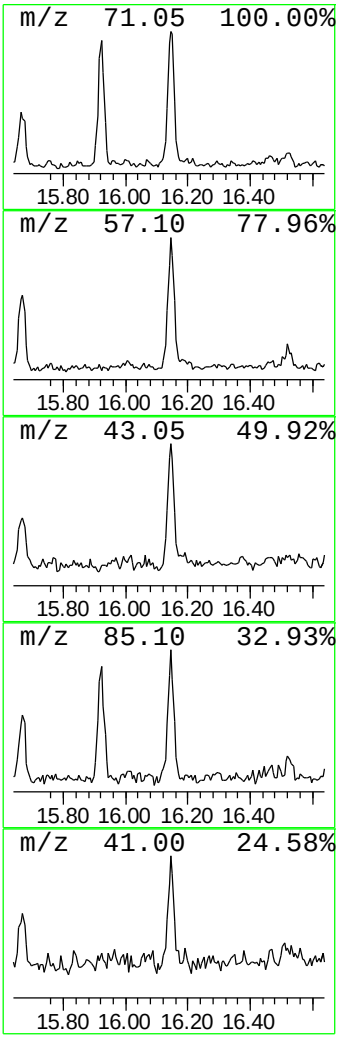
Peak Number 3 Heptadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	2.37 ng	182347	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	72
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	72
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	72
4	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	64
5	Tridecane	184	C13H28	000629-50-5	58





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Instrument : BNA_M
ClientSampleId : SB-2(33.5-35.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
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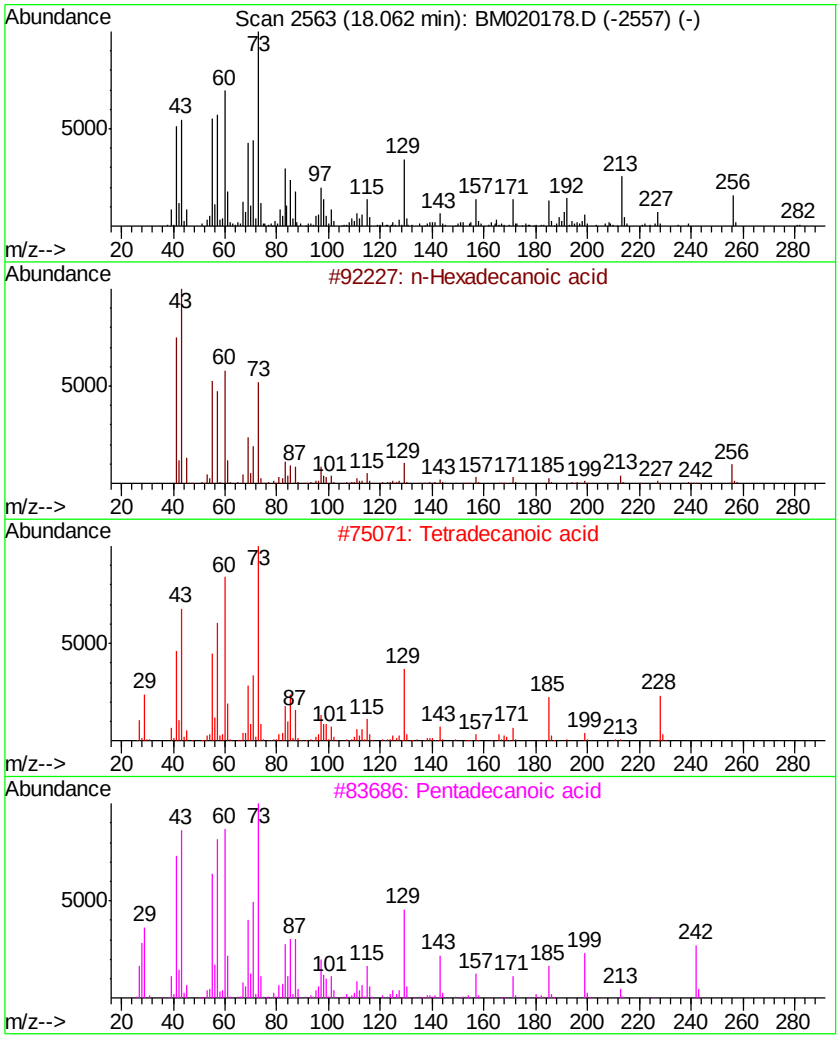
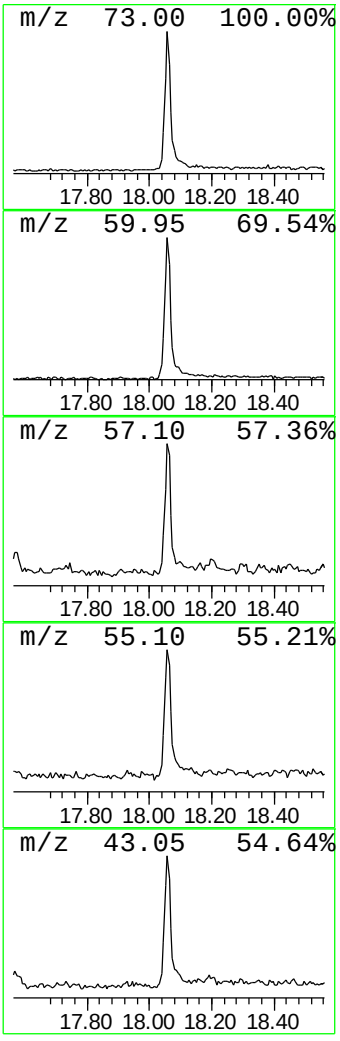
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.06	8.75 ng	671678	Phenanthrene-d10	17.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	49
4	Dodecanoic acid	200	C12H24O2	000143-07-7	38
5	Tridecanoic acid	214	C13H26O2	000638-53-9	25





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Sample : K2704-04
Misc :
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Instrument : BNA_M
ClientSampleId : SB-2(33.5-35.5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM043019.M
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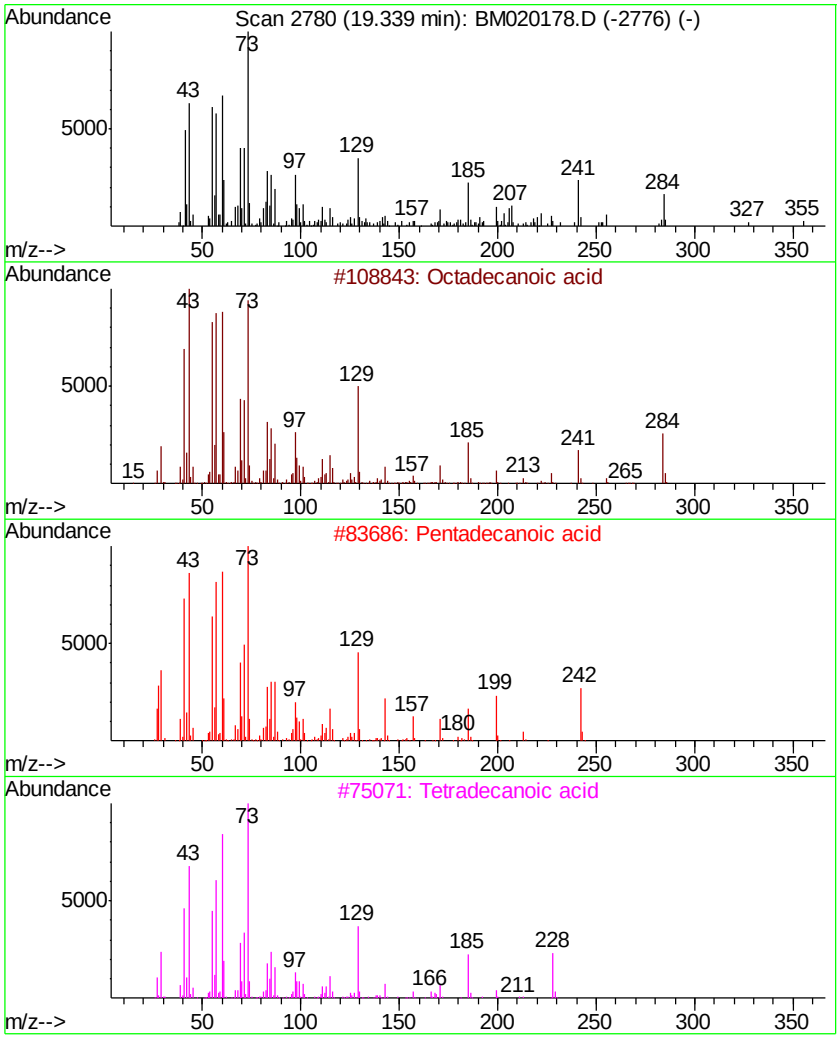
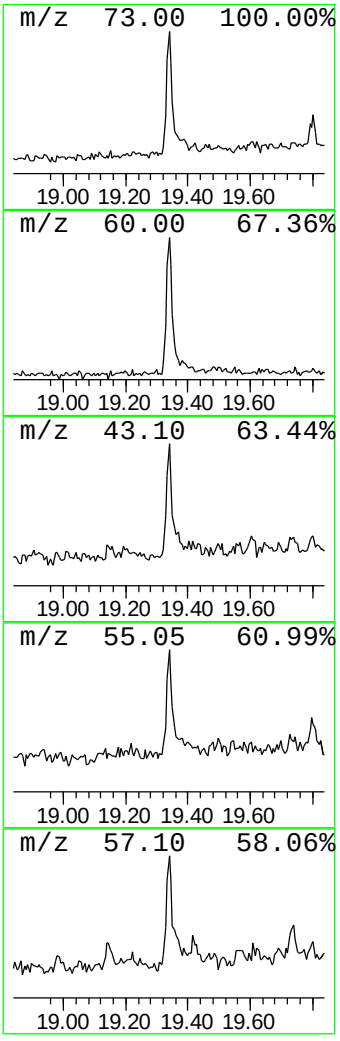
Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	2.95 ng	291750	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4	Eicosane	282	C20H42	000112-95-8	25
5	Tridecane	184	C13H28	000629-50-5	25





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.32	7.32	126.1	ng	5009140	1	7.79	794524	20.0
Heptadecane, 2,6,...	16.14	2.4	ng	182347	4	17.18	1535580	20.0
n-Hexadecanoic acid	18.06	8.8	ng	671678	4	17.18	1535580	20.0
Octadecanoic acid	19.34	3.0	ng	291750	5	21.36	1975920	20.0