LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
Data File : BM019962.D
Acq On : 18 Apr 2019 20:20
Operator : JU/SJ
Sample : K1926-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SUMP-MUCK

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-BM041519.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	3.763	127	132	141	rVB	125659	179315	3.55%	0.517%
2	5.128	358	364	385	rBV	1757562	2802480	55.49%	8.076%
3	6.710	626	633	651	rBV	1646422	3043733	60.27%	8.771%
4	7.045	684	690	705	rBV	1917703	3119400	61.77%	8.989%
5	7.510	762	769	777	rBV	394372	622880	12.33%	1.795%
6	7.822	815	822	835	rBV	1452281	2245673	44.47%	6.471%
7	8.322	903	907	922	rBV2	36140	102456	2.03%	0.295%
8	8.687	961	969	989	rBV	900584	1730829	34.27%	4.988%
9	10.292	1235	1242	1259	rVB	416663	790121	15.65%	2.277%
10	11.851	1500	1507	1520	rBV3	19796	62083	1.23%	0.179%
11	12.780	1658	1665	1680	rBV	2395442	3586702	71.02%	10.336%
12	13.657	1805	1814	1824	rBV	226827	384375	7.61%	1.108%
13	14.116	1885	1892	1897	rBV4	25061	66093	1.31%	0.190%
14	14.180	1897	1903	1915	rVB2	647485	1027097	20.34%	2.960%
15	14.627	1973	1979	1986	rBV4	36644	88907	1.76%	0.256%
16	15.692	2154	2160	2177	rBV	1995359	3171991	62.81%	9.141%
17	15.898	2189	2195	2201	rBV4	33881	69427	1.37%	0.200%
18	16.721	2331	2335	2344	rVB7	28878	58774	1.16%	0.169%
19	16.945	2367	2373	2387	rBV2	773885	1209591	23.95%	3.486%
20	17.839	2520	2525	2533	rBV	168066	307585	6.09%	0.886%
21	19.133	2741	2745	2756	rBV2	99090	188784	3.74%	0.544%
22	19.427	2791	2795	2803	rVB	123459	196977	3.90%	0.568%
23	19.592	2817	2823	2836	rBV	4169830	5050278	100.00%	14.553%
24	20.386	2955	2958	2962	rVB2	63325	66542	1.32%	0.192%
25	21.162	3086	3090	3102	rVB	923431	1309136	25.92%	3.772%
26	21.292	3109	3112	3116	rVB	117889	126343	2.50%	0.364%
27	21.715	3181	3184	3188	rBV	110036	112238	2.22%	0.323%
28	22.162	3254	3260	3262	rBV2	785458	1515350	30.01%	4.367%
29	23.350	3457	3462	3476	rVB	726078	1467272	29.05%	4.228%

Sum of corrected areas: 34702432

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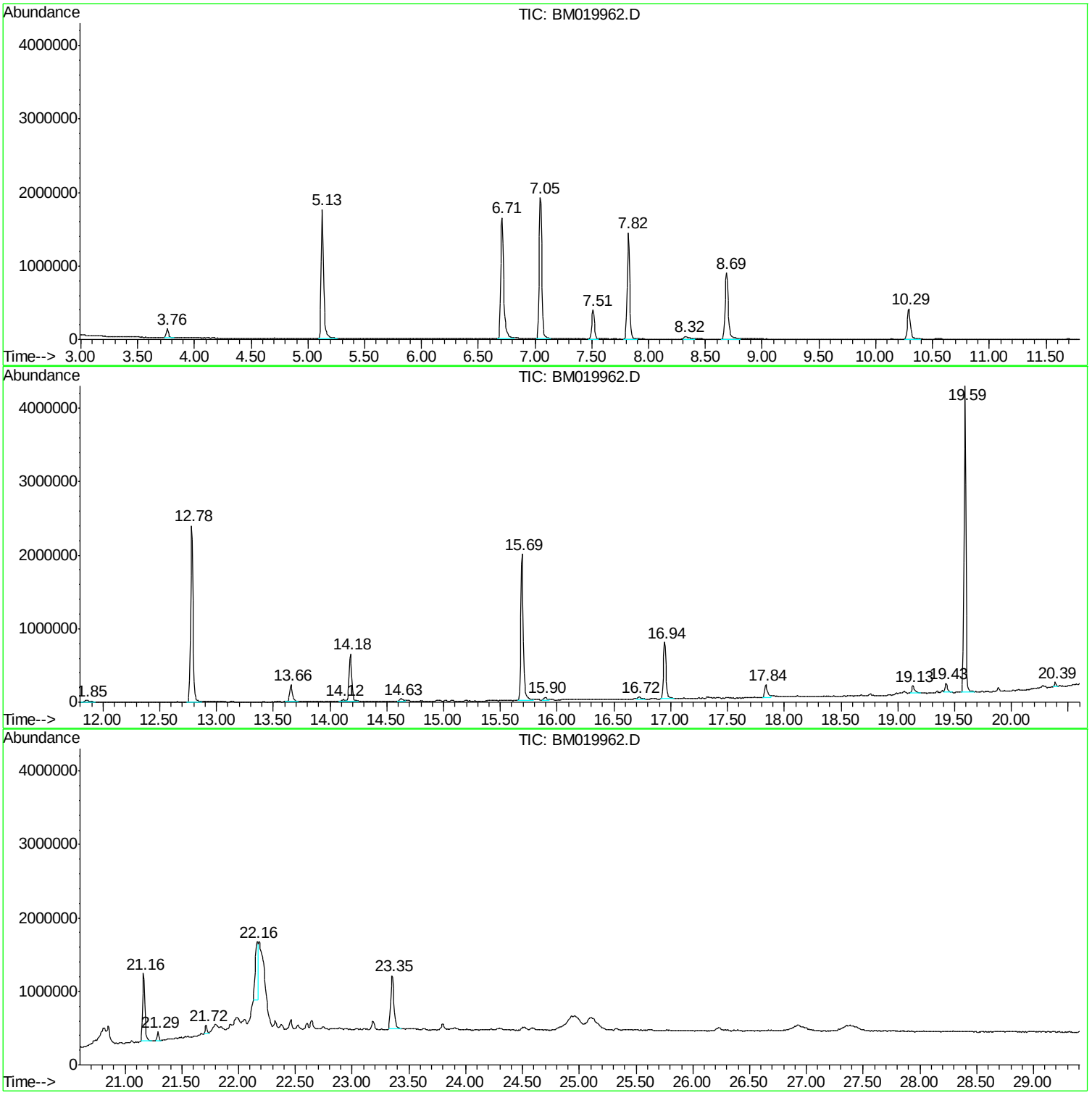
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SUMP-MUCK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.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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Data File : BM019962.D
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Instrument : BNA_M
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

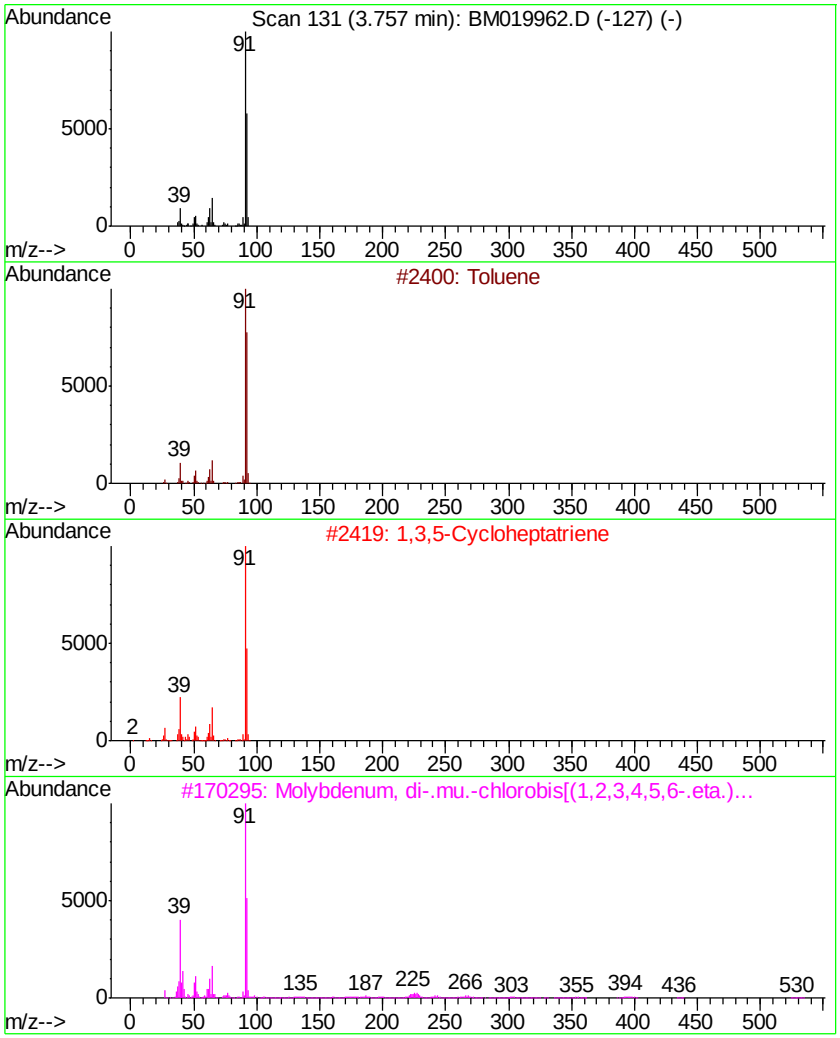
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

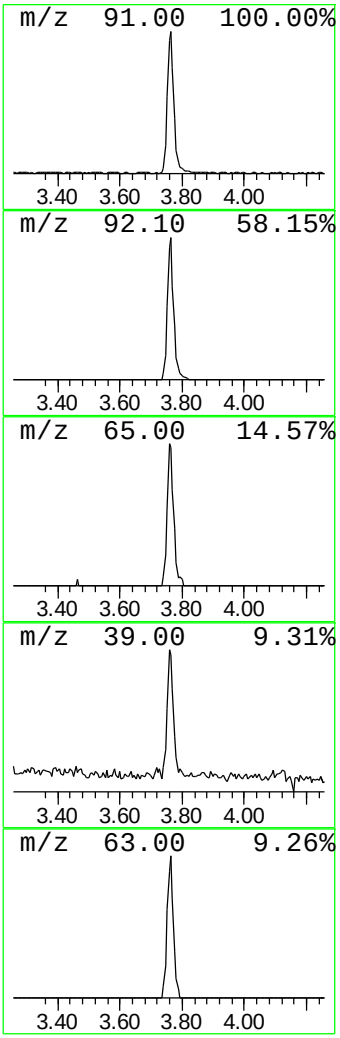
****

Peak Number 1 1,3,5-Cycloheptatriene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.76	5.76 ng	179315	1,4-Dichlorobenzene-d4	7.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	94
2	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
3	Molybdenum, di-.mu.-chlorobis[(1...	532	C20H26Cl2Mo2	035625-66-2	72
4	2,5-Norbornadiene	92	C7H8	000121-46-0	72
5	Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	64





Library Search Compound Report

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Sample : K1926-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SUMP-MUCK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.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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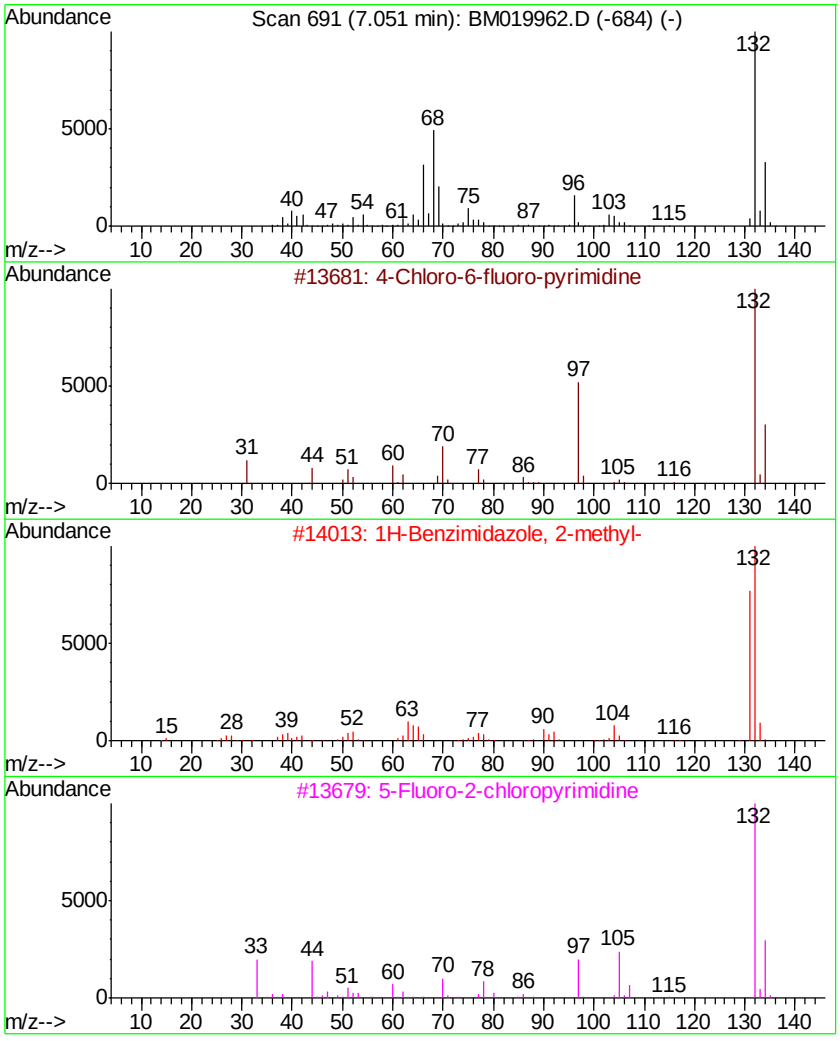
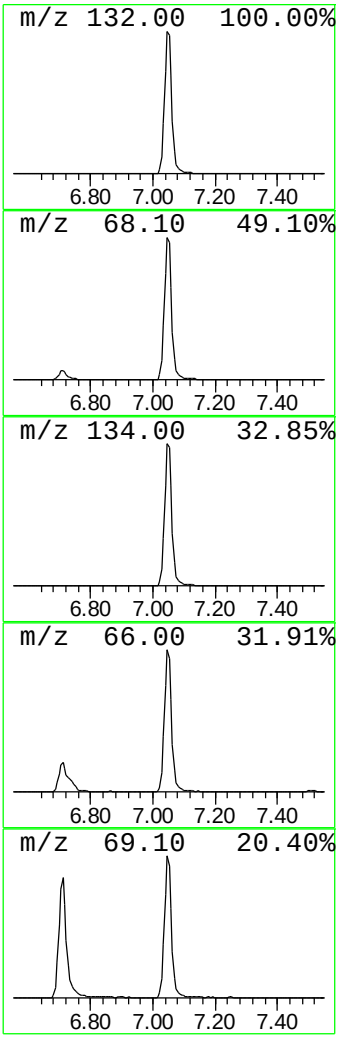
Peak Number 2 unknown7.05 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.05	100.16 ng	3119400	1,4-Dichlorobenzene-d4	7.51

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	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	10
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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Sample : K1926-03
Misc :
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Instrument :
BNA_M
ClientSampleId :
SUMP-MUCK

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
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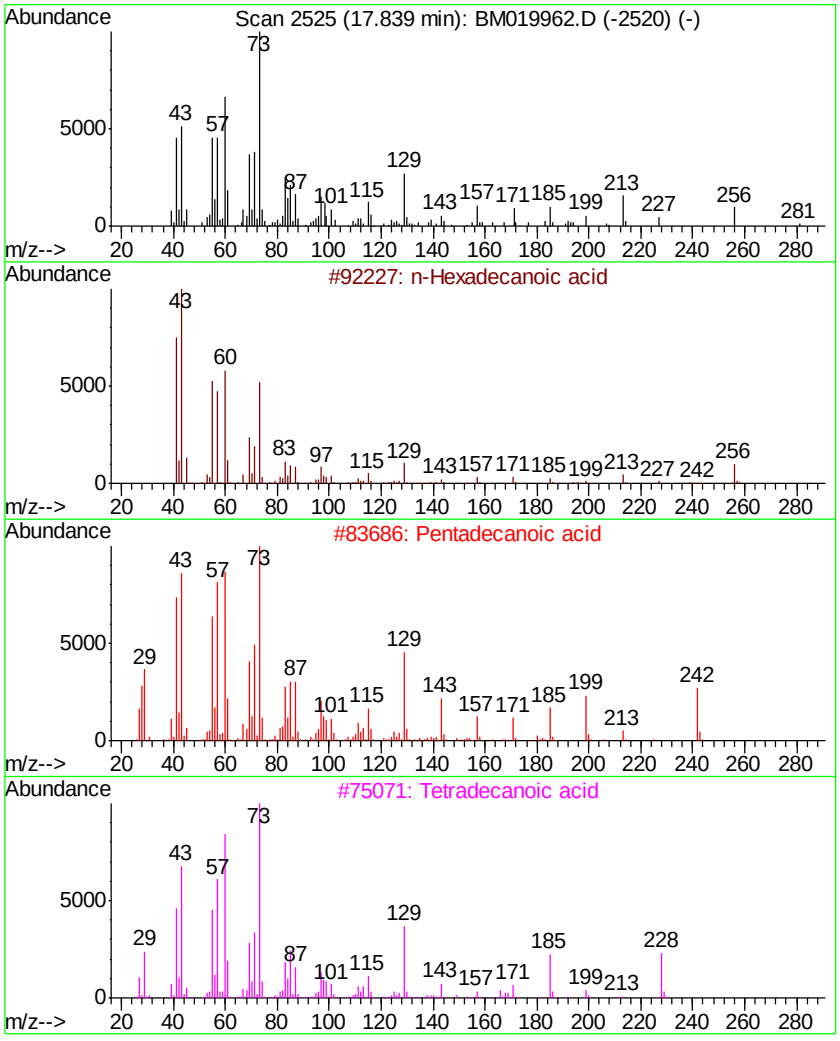
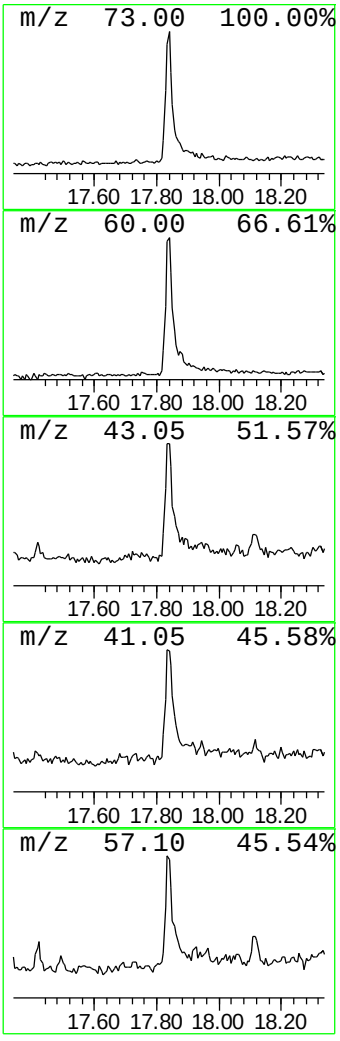
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	5.09 ng	307585	Phenanthrene-d10	16.94

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	53
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
4	Dodecanoic acid	200	C12H24O2	000143-07-7	47
5	Undecanoic acid	186	C11H22O2	000112-37-8	43





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : SUMP-MUCK

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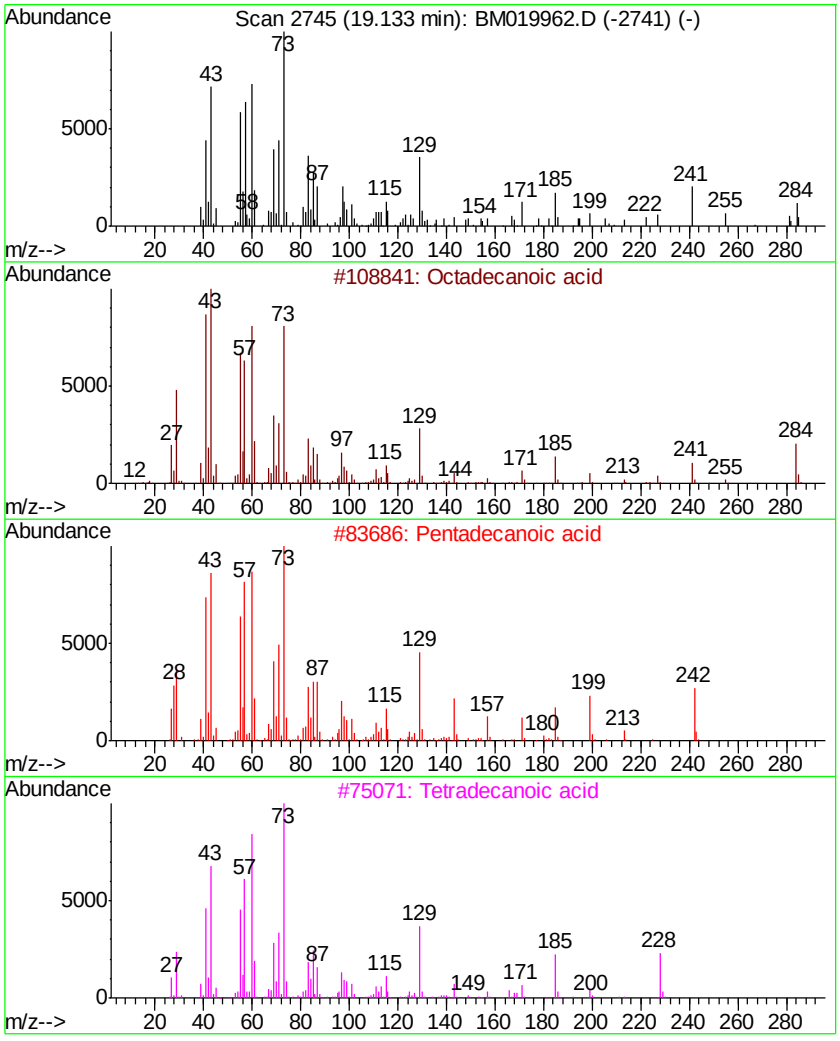
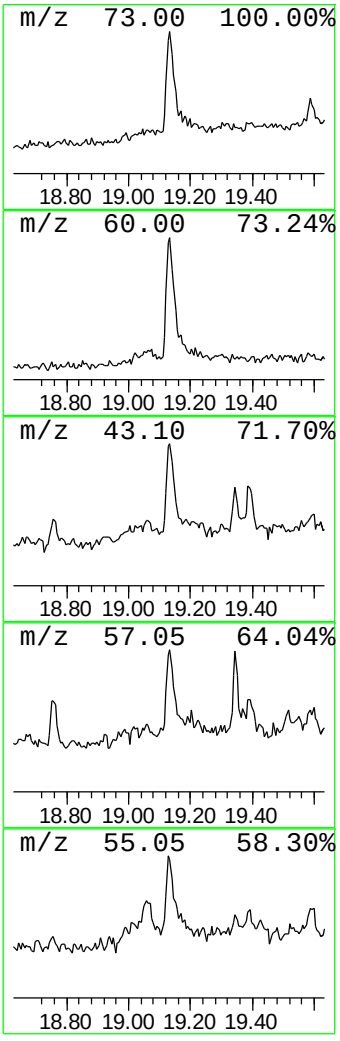
Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	2.88 ng	188784	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	89
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	n-Decanoic acid	172	C10H20O2	000334-48-5	50
5	Undecanoic acid	186	C11H22O2	000112-37-8	46





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Instrument : BNA_M
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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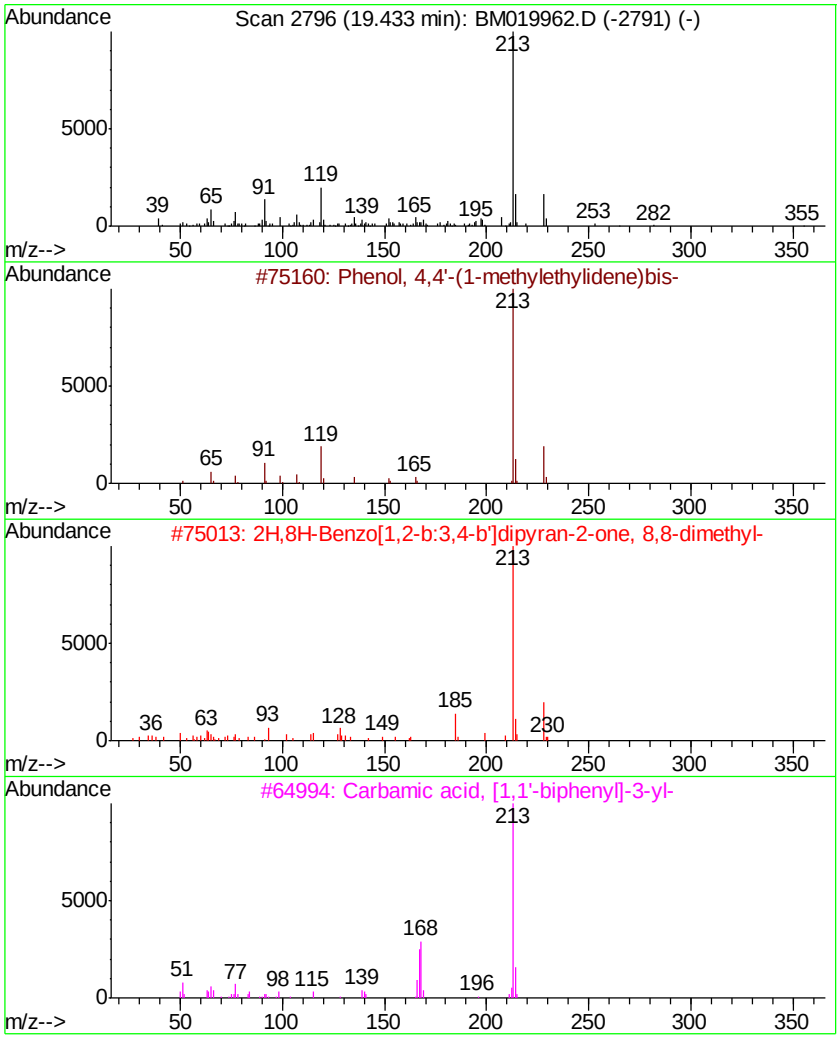
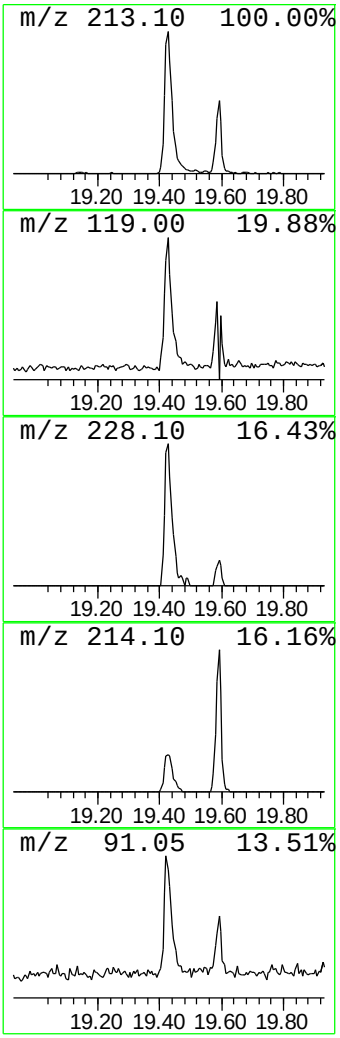
Peak Number 6 Phenol, 4,4'-(1-methylethyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	3.01 ng	196977	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	64
3	Carbamic acid, [1,1'-biphenyl]-3...	213	C13H11NO2	055030-29-0	58
4	Diphenolic acid	286	C17H18O4	000126-00-1	53
5	4-Bromo-2-(methylamino)tropone	213	C8H8BrNO	1000241-45-0	53





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Instrument : BNA_M
ClientSampleId : SUMP-MUCK

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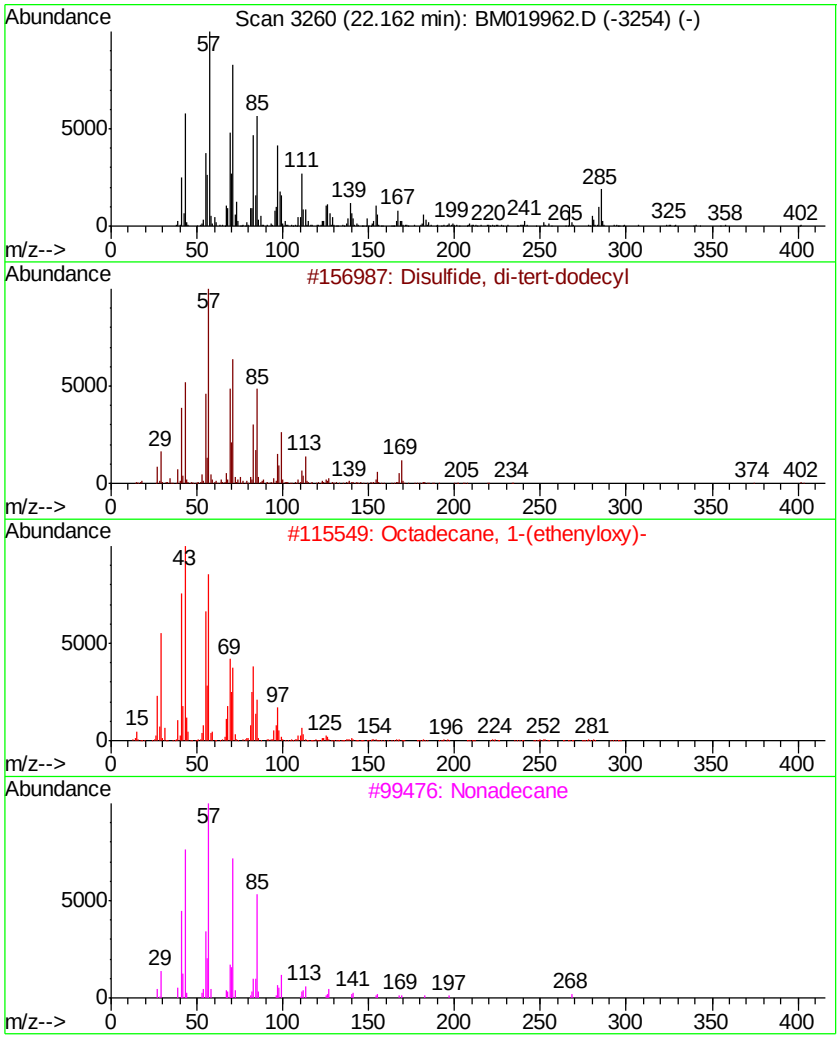
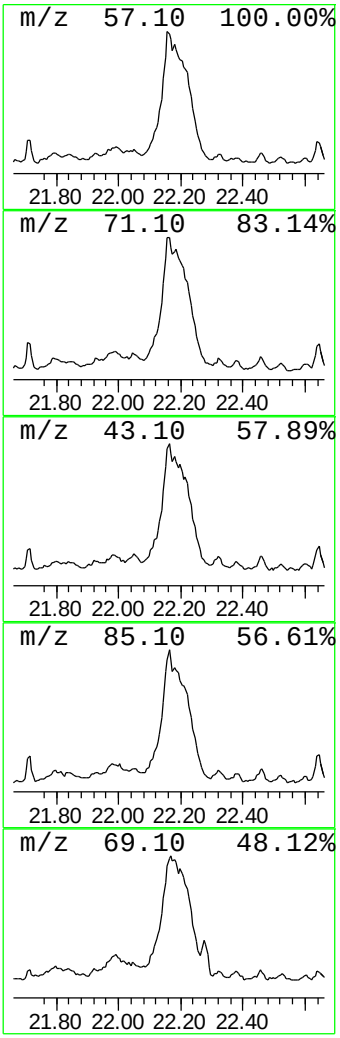
Peak Number 7 Disulfide, di-tert-dodecyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.16	23.15 ng	1515350	Chrysene-d12	21.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	55
2	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	51
3	Nonadecane	268	C19H40	000629-92-5	50
4	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	46
5	1-Hexadecanol, 2-methyl-	256	C17H36O	002490-48-4	45





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
1,3,5-Cycloheptat...	3.76	5.8	ng	179315	1	7.51	622880	20.0
unknown7.05	7.05	100.2	ng	3119400	1	7.51	622880	20.0
n-Hexadecanoic acid	17.84	5.1	ng	307585	4	16.94	1209590	20.0
Octadecanoic acid	19.13	2.9	ng	188784	5	21.16	1309140	20.0
Phenol, 4,4'-(1-m...	19.43	3.0	ng	196977	5	21.16	1309140	20.0
Disulfide, di-ter...	22.16	23.1	ng	1515350	5	21.16	1309140	20.0