LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
Data File : BM022419.D
Acq On : 29 Aug 2019 22:00
Operator : HP/JU
Sample : K4596-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EB-3-082819

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-BM082919.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	5.146	361	367	380	rBV	166527	243008	10.98%	2.843%
2	6.722	629	635	644	rBV	85730	154615	6.98%	1.809%
3	7.057	687	692	704	rVB	340292	539054	24.35%	6.307%
4	7.522	765	771	777	rBB	81951	121329	5.48%	1.420%
5	7.834	818	824	833	rBB	312492	494957	22.36%	5.791%
6	8.692	964	970	983	rBV	215689	389526	17.60%	4.557%
7	10.298	1236	1243	1251	rBV	84356	141426	6.39%	1.655%
8	12.786	1660	1666	1680	rBV	591911	883153	39.90%	10.333%
9	13.663	1810	1815	1823	rBB	29228	40633	1.84%	0.475%
10	14.186	1899	1904	1913	rVB2	133060	185737	8.39%	2.173%
11	15.698	2155	2161	2175	rBB	632745	899439	40.63%	10.523%
12	16.951	2369	2374	2381	rBV2	154526	231190	10.44%	2.705%
13	17.615	2483	2487	2490	rBV	33474	34240	1.55%	0.401%
14	17.845	2522	2526	2535	rBV	59829	87383	3.95%	1.022%
15	19.139	2742	2746	2753	rBV3	34951	48331	2.18%	0.565%
16	19.598	2819	2824	2829	rBV	1980078	2213585	100.00%	25.898%
17	20.297	2936	2943	2951	rBV	742216	883701	39.92%	10.339%
18	20.862	3035	3039	3045	rBV	69893	98865	4.47%	1.157%
19	21.168	3086	3091	3097	rBV	319792	413538	18.68%	4.838%
20	23.356	3458	3463	3473	rVB2	227014	443555	20.04%	5.189%

Sum of corrected areas: 8547265

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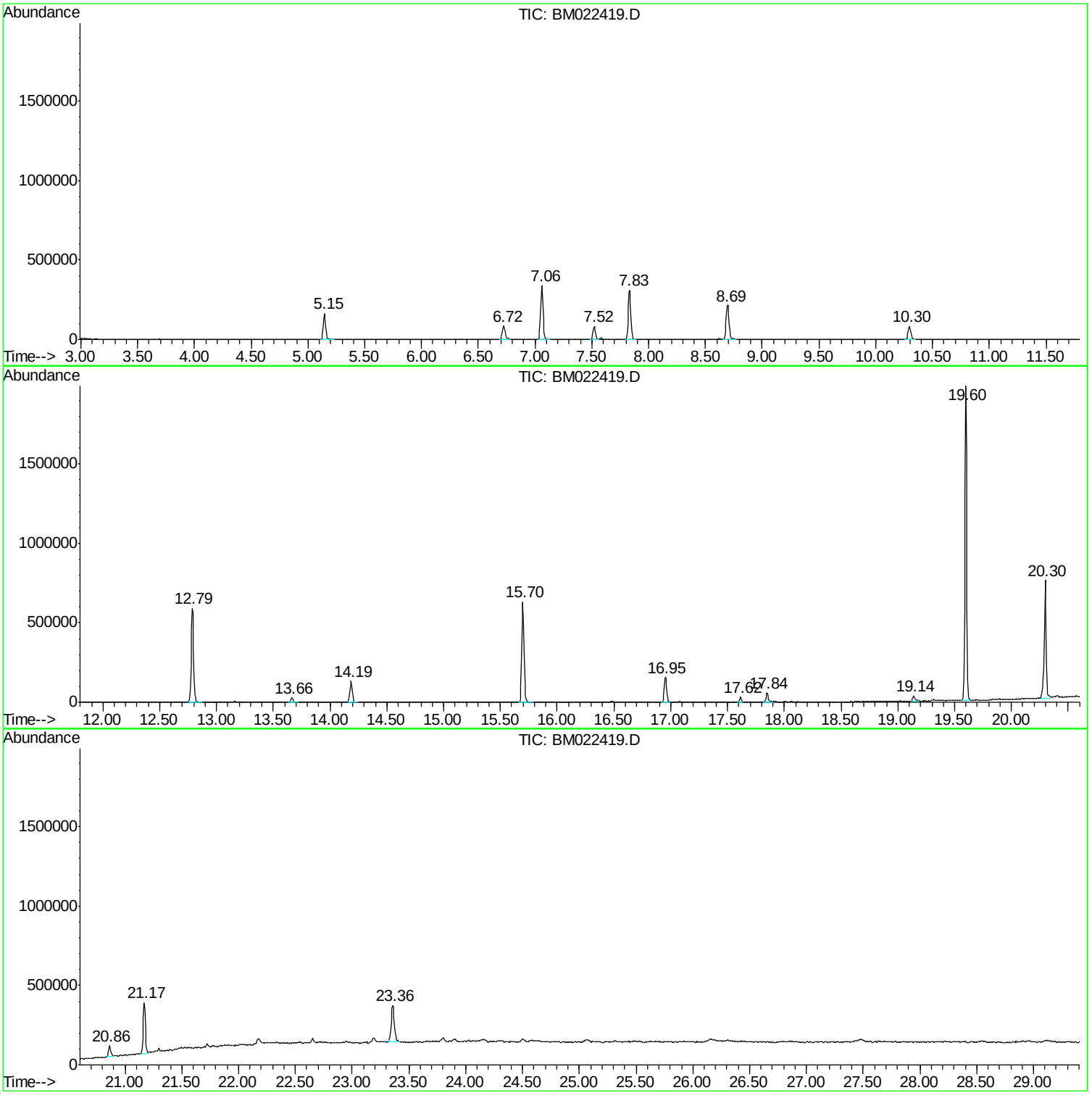
Instrument :
BNA_M
ClientSampleId :
EB-3-082819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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TIC Library : C:\DATABASE\NIST11.L
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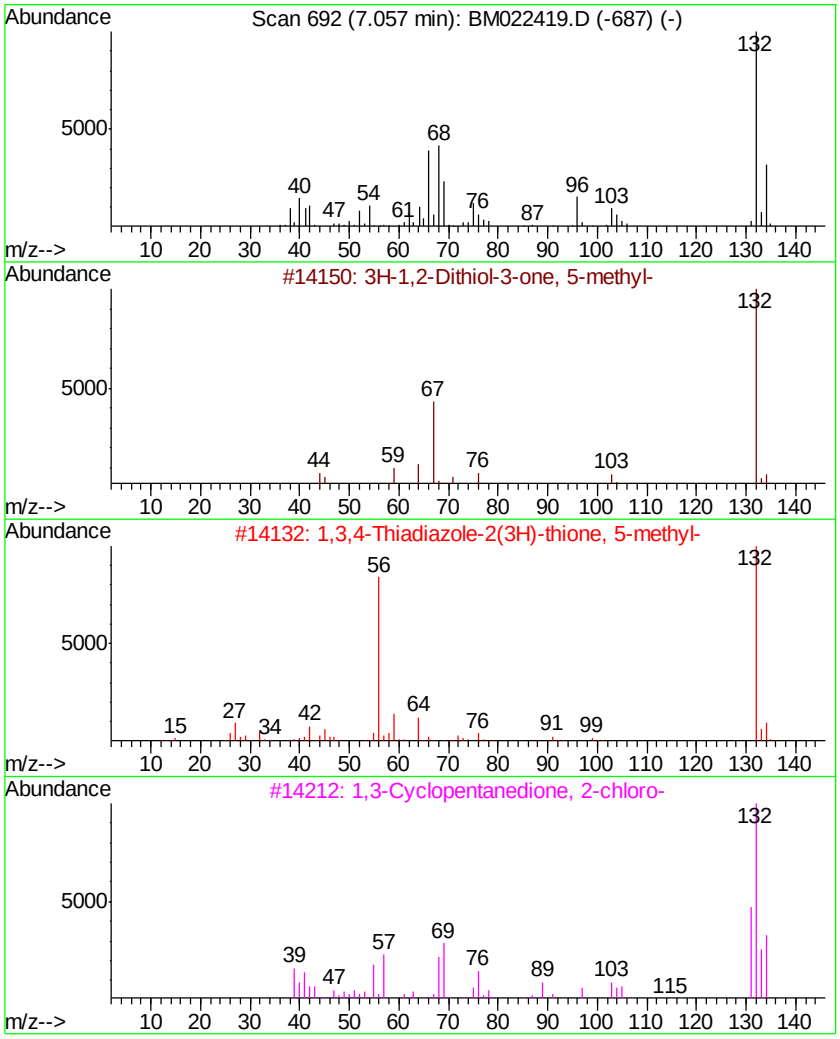
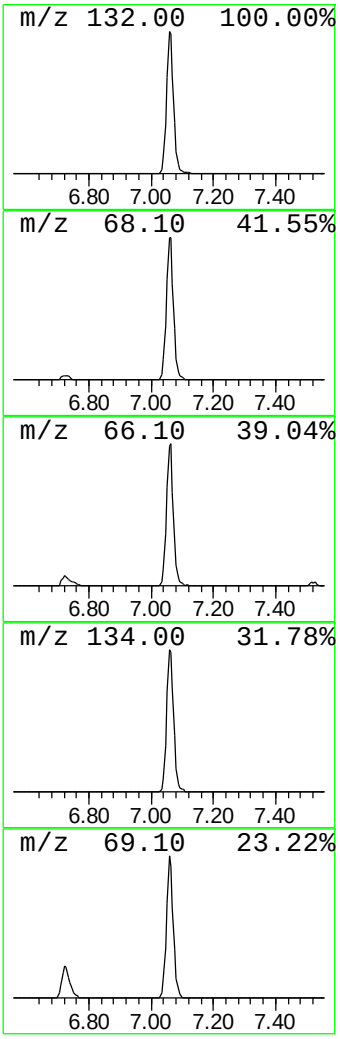
Peak Number 1 unknown7.06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	88.86 ng	539054	1,4-Dichlorobenzene-d4	7.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	12
4	Pyrazolo(2,3-a)pyridine, 7-methyl-	132	C8H8N2	034760-58-2	10
5	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082919\
Data File : BM022419.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EB-3-082819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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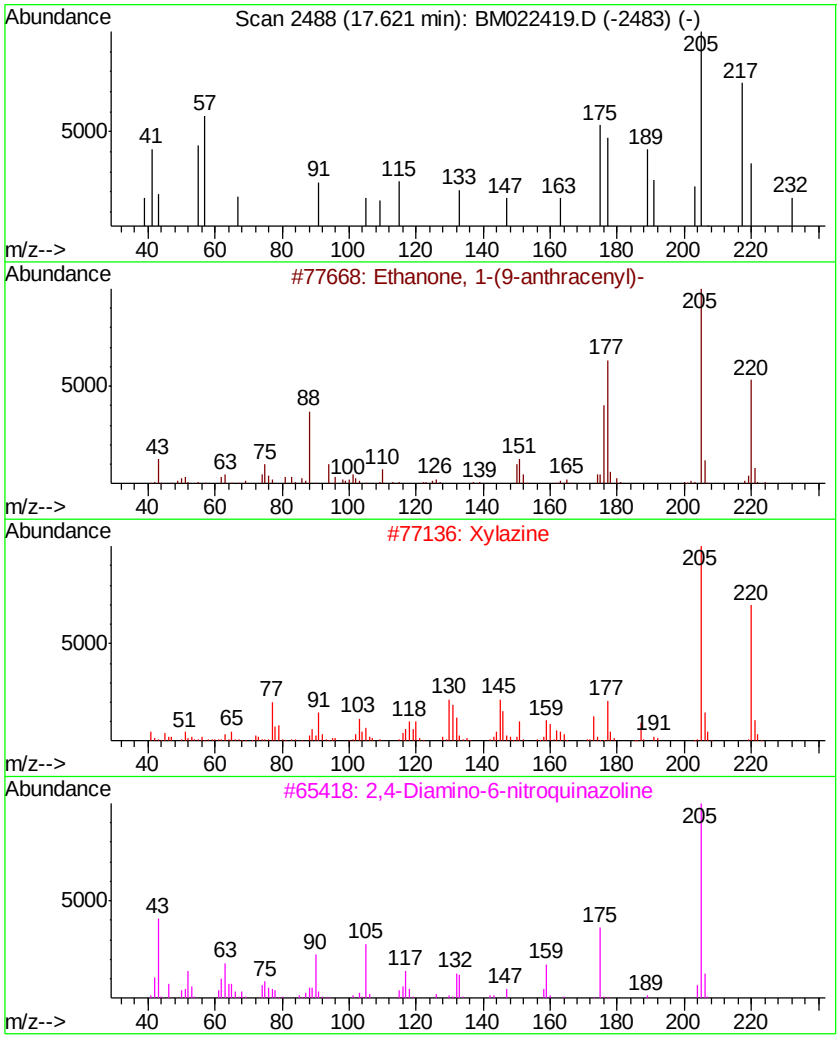
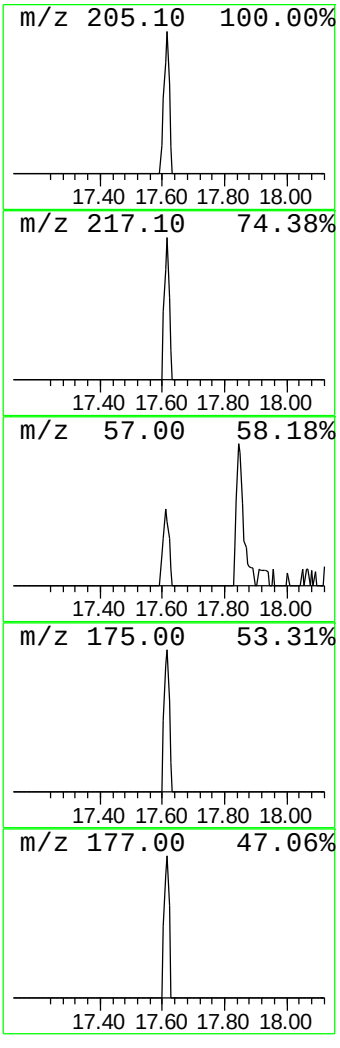
Peak Number 3 unknown17.62 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.62	2.96 ng	34240	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(9-anthracenyl)-	220	C16H12O	000784-04-3	27
2	Xylazine	220	C12H16N2S	007361-61-7	22
3	2,4-Diamino-6-nitroquinazoline	205	C8H7N5O2	007154-34-9	18
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	14
5	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	14





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Operator : HP/JU
Sample : K4596-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EB-3-082819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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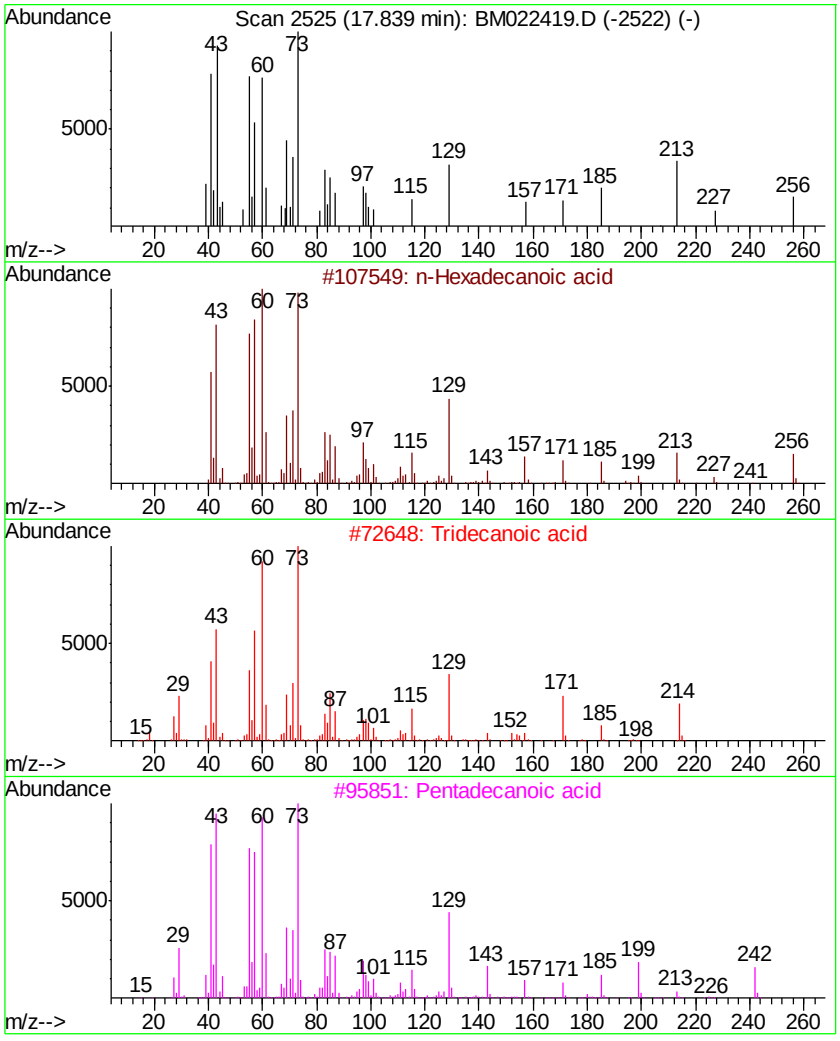
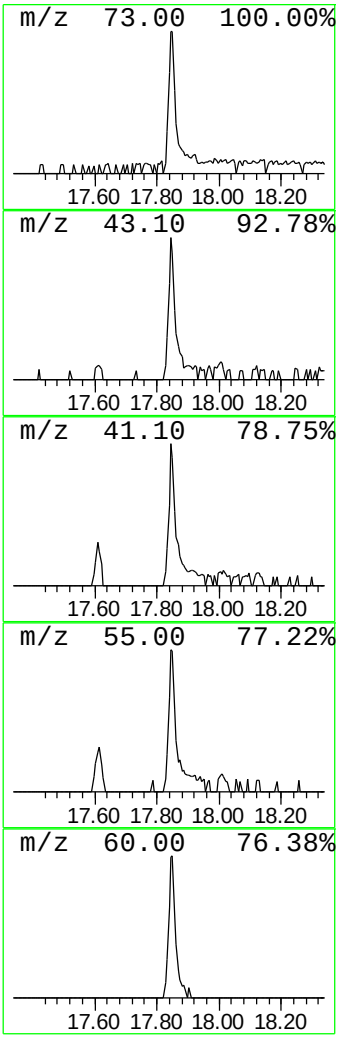
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	7.56 ng	87383	Phenanthrene-d10	16.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	53





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EB-3-082819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
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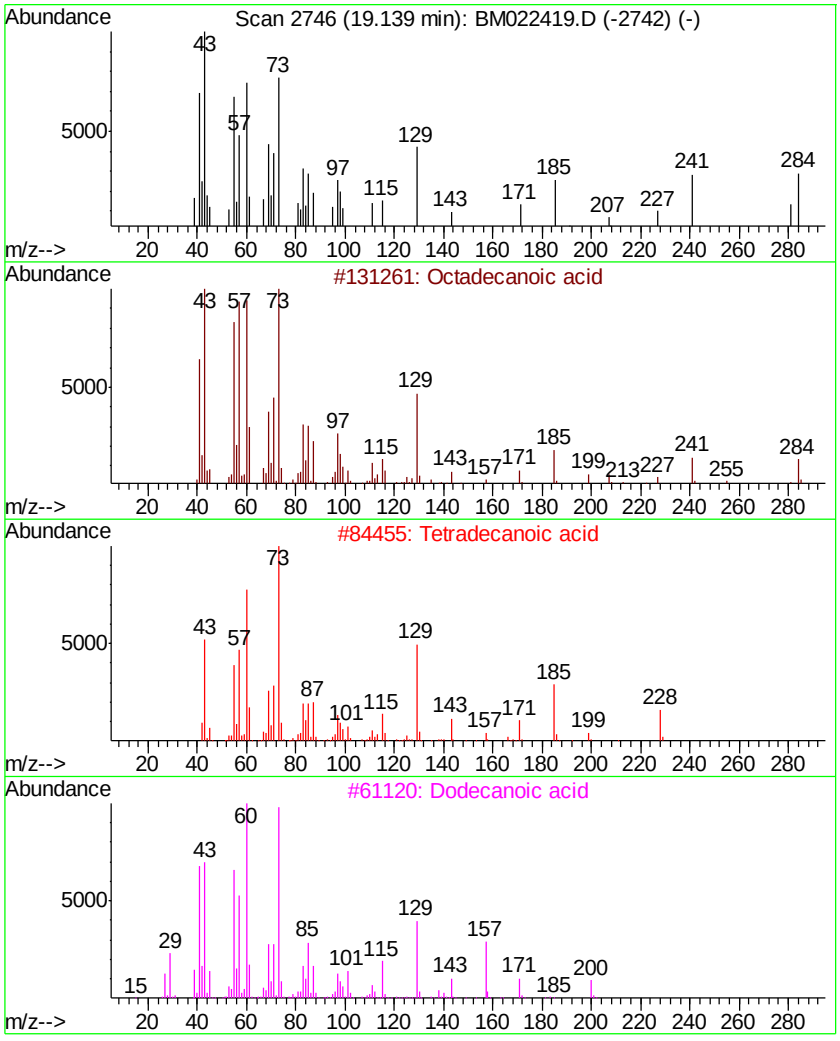
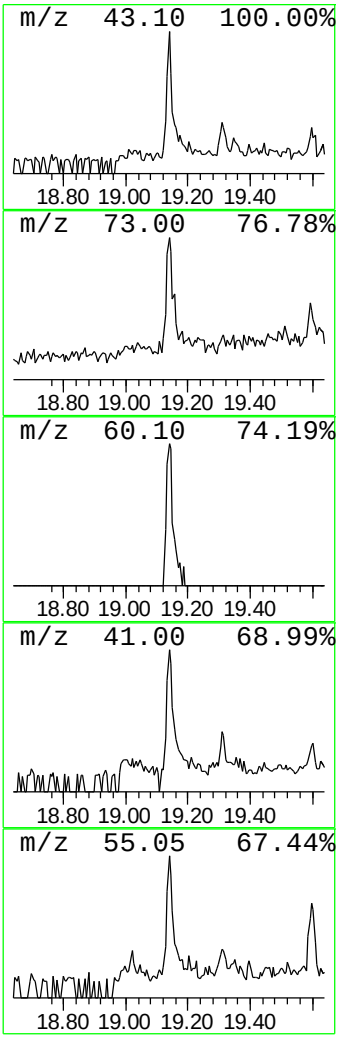
Peak Number 5 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.14	2.34 ng	48331	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	52
3	Dodecanoic acid	200	C12H24O2	000143-07-7	47
4	n-Decanoic acid	172	C10H20O2	000334-48-5	43
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	38





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Instrument : BNA_M
ClientSampleId : EB-3-082819

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM082919.M
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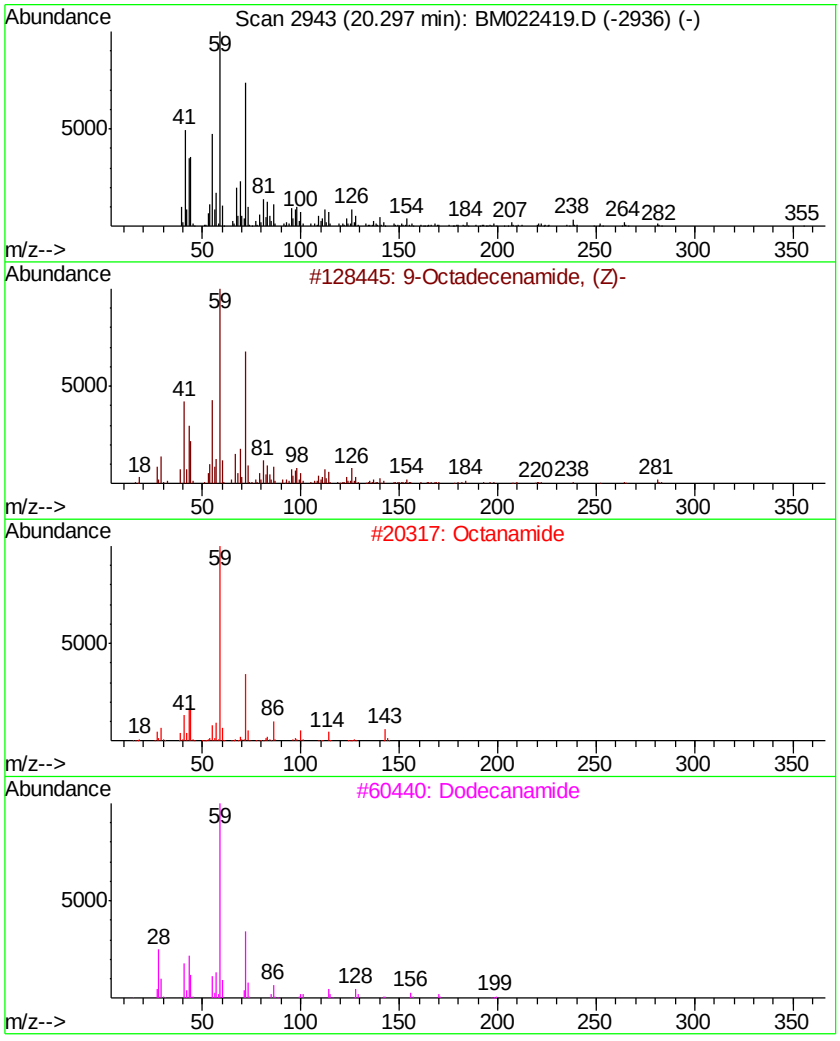
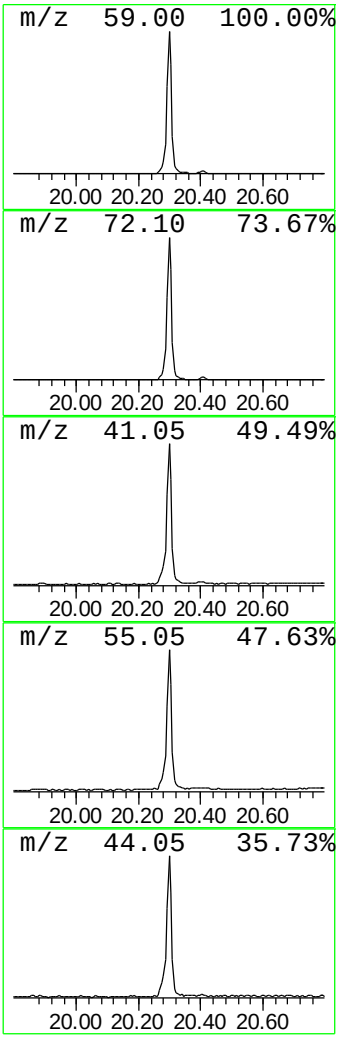
Peak Number 6 9-Octadecenamide, (Z)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.30	42.74 ng	883701	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	98
2	Octanamide	143	C8H17NO	000629-01-6	38
3	Dodecanamide	199	C12H25NO	001120-16-7	38
4	1,1,3-Trimethyl-1-silacyclobutane	114	C6H14Si	002295-13-8	35
5	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	32





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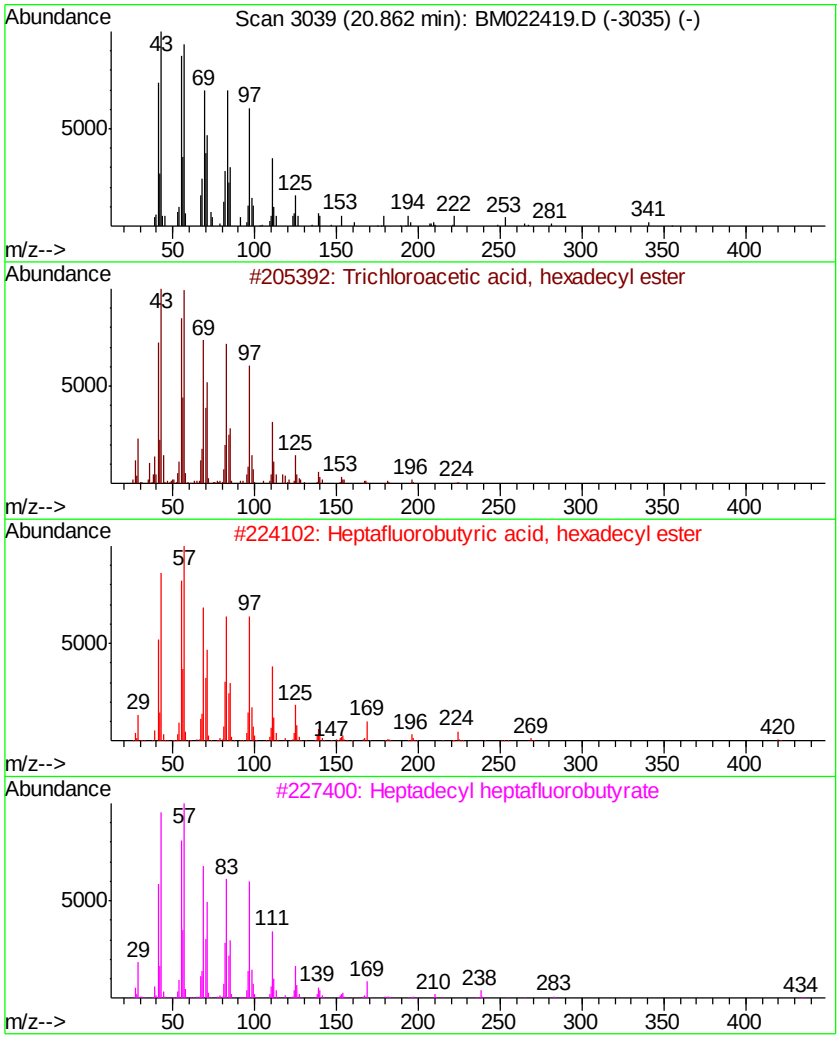
TIC Integration Parameters: LSCINT.P

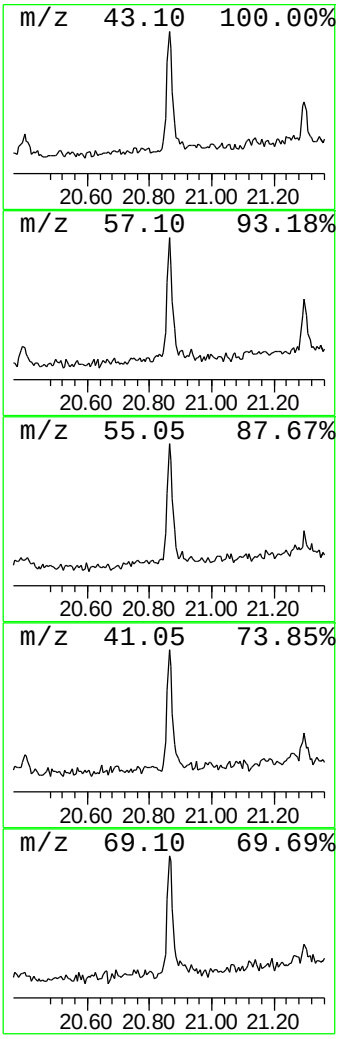
****

Peak Number 7 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	4.78 ng	98865	Chrysene-d12	21.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	95
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	959261-25-7	91
5	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.06	7.06	88.9	ng	539054	1	7.52	121329	20.0
unknown17.62	17.62	3.0	ng	34240	4	16.95	231190	20.0
n-Hexadecanoic acid	17.84	7.6	ng	87383	4	16.95	231190	20.0
Octadecanoic acid	19.14	2.3	ng	48331	5	21.17	413538	20.0
9-Octadecenamide,...	20.30	42.7	ng	883701	5	21.17	413538	20.0
Trichloroacetic a...	20.86	4.8	ng	98865	5	21.17	413538	20.0