LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM053119\
Data File : BM020640.D
Acq On : 31 May 2019 22:00
Operator : JU/SJ
Sample : K3072-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-7

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-BM053119.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	3.069	9	14	29	rVB	2363512	2715676	23.47%	2.946%
2	5.416	405	413	430	rBV	5793249	8349009	72.16%	9.057%
3	6.998	674	682	697	rBV	5887550	9388101	81.14%	10.184%
4	7.369	737	745	754	rBV	5872572	9314775	80.50%	10.105%
5	7.834	818	824	831	rBV	1088474	1711960	14.80%	1.857%
6	8.151	871	878	886	rBV	3982379	6516175	56.32%	7.069%
7	8.998	1013	1022	1031	rBV	3280265	5585195	48.27%	6.059%
8	10.628	1290	1299	1306	rBV	1331739	2317310	20.03%	2.514%
9	11.645	1460	1472	1484	rBV	616168	1083818	9.37%	1.176%
10	13.092	1711	1718	1726	rBV	7229684	10829987	93.60%	11.748%
11	13.927	1854	1860	1868	rBV	737196	1016767	8.79%	1.103%
12	14.469	1943	1952	1961	rBV2	1828869	2695173	23.29%	2.924%
13	15.957	2198	2205	2222	rBV	5185451	7319807	63.26%	7.941%
14	17.215	2412	2419	2426	rBV2	1955968	2826365	24.43%	3.066%
15	18.110	2565	2571	2580	rBV	344277	529217	4.57%	0.574%
16	19.386	2784	2788	2796	rBV	154396	225303	1.95%	0.244%
17	19.839	2859	2865	2871	rBV	9362617	11570799	100.00%	12.552%
18	20.780	3021	3025	3028	rBV	109666	132679	1.15%	0.144%
19	21.109	3077	3081	3088	rBV	329699	445776	3.85%	0.484%
20	21.392	3123	3129	3135	rBV	2233417	2961179	25.59%	3.212%
21	21.550	3153	3156	3161	rVB	117220	130402	1.13%	0.141%
22	21.997	3229	3232	3236	rBV	136185	153624	1.33%	0.167%
23	22.474	3310	3313	3318	rVB	158346	197959	1.71%	0.215%
24	22.609	3331	3336	3343	rVB	466327	682796	5.90%	0.741%
25	23.003	3399	3403	3408	rVB	128610	177924	1.54%	0.193%
26	23.592	3500	3503	3509	rVB2	148449	222866	1.93%	0.242%
27	23.686	3512	3519	3527	rVB	1568572	3082369	26.64%	3.344%

Sum of corrected areas: 92183011

LSC Report - Integrated Chromatogram

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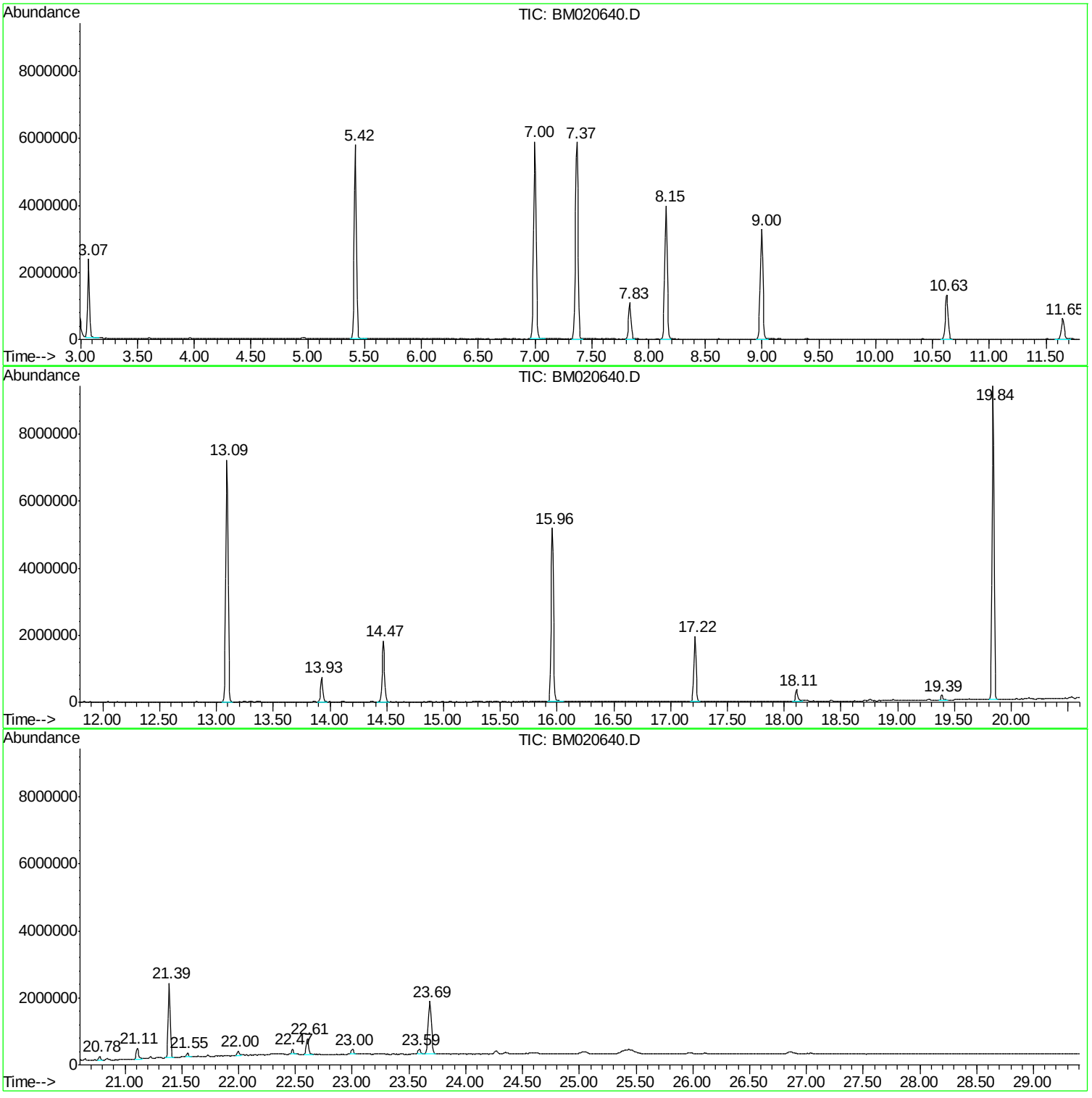
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.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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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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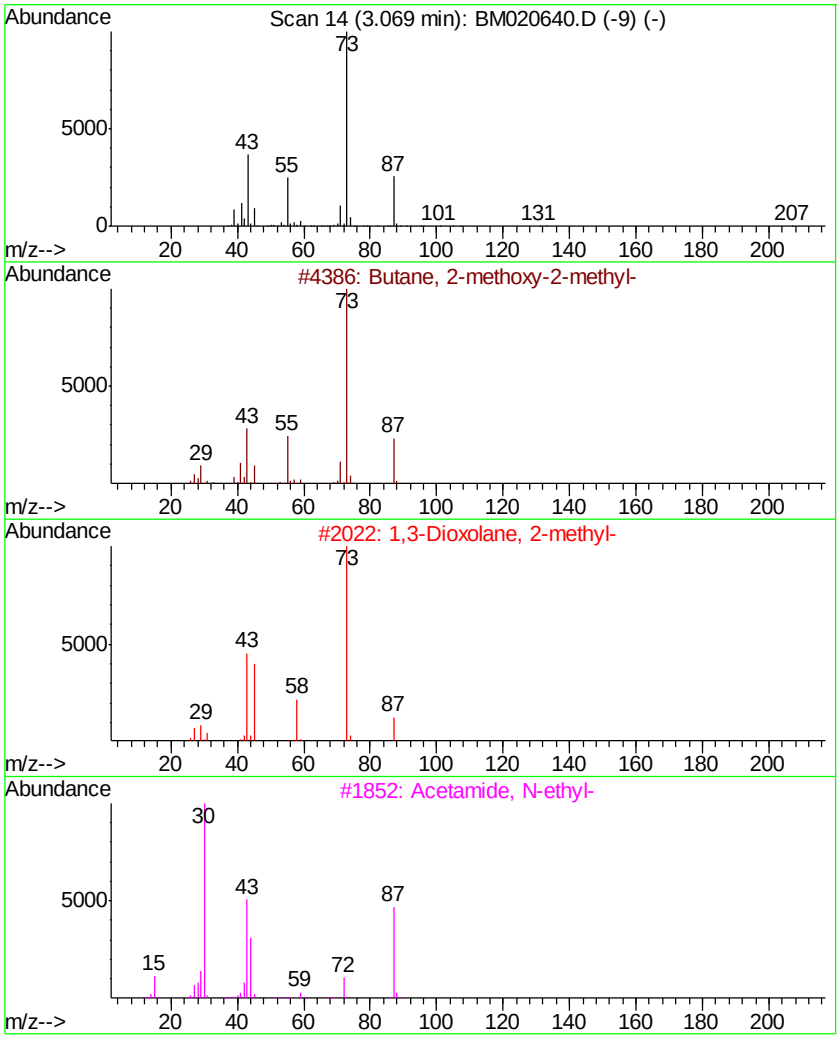
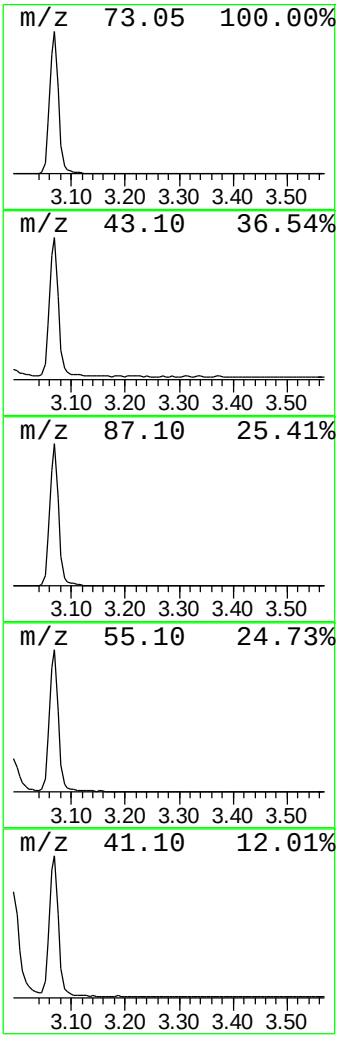
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	31.73 ng	2715680	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





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Acq On : 31 May 2019 22:00
Operator : JU/SJ
Sample : K3072-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.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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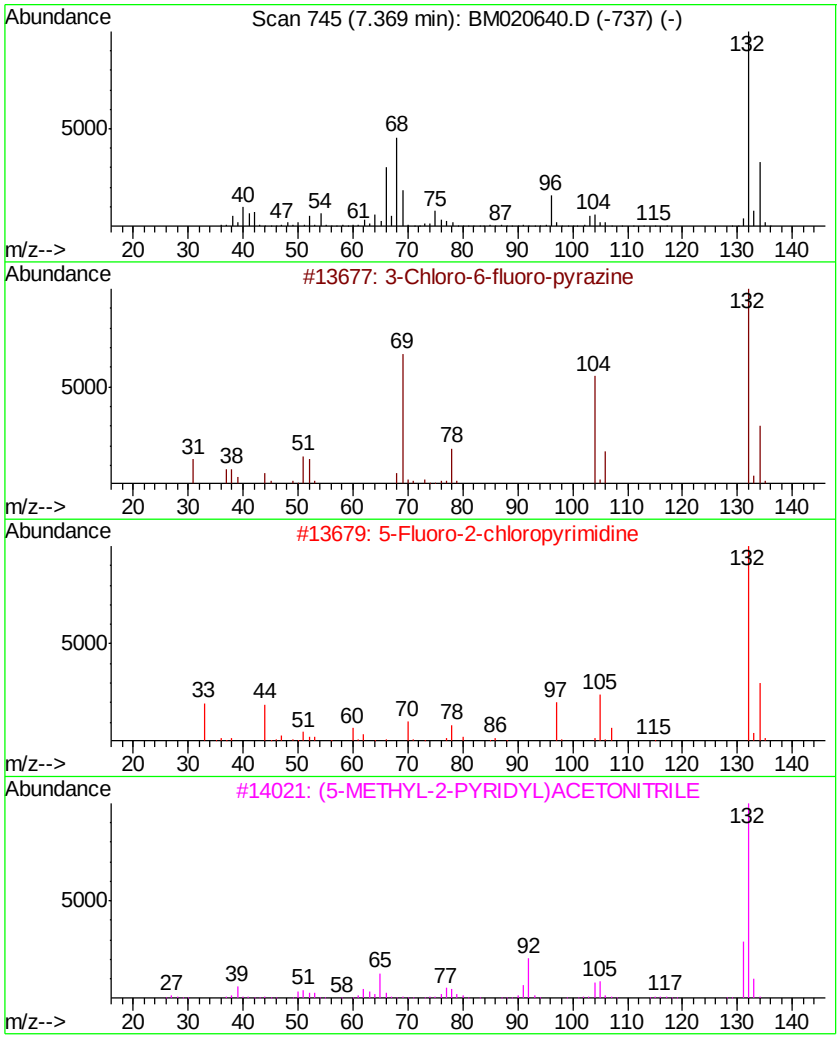
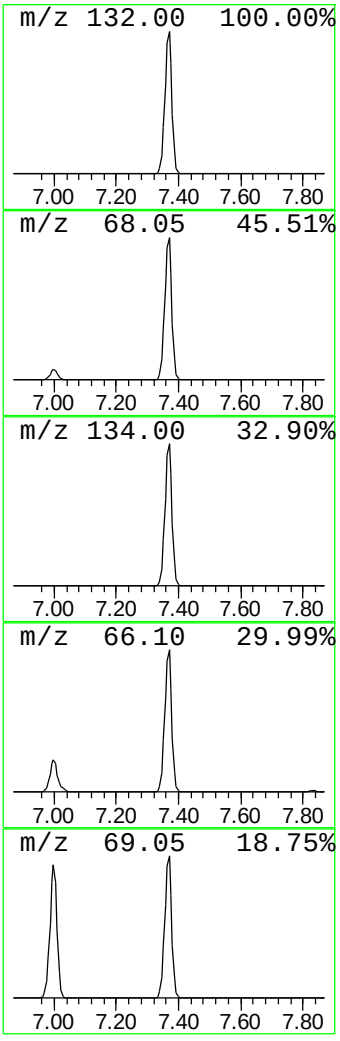
Peak Number 2 unknown7.37 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.37	108.82 ng	9314780	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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Data File : BM020640.D
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Operator : JU/SJ
Sample : K3072-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
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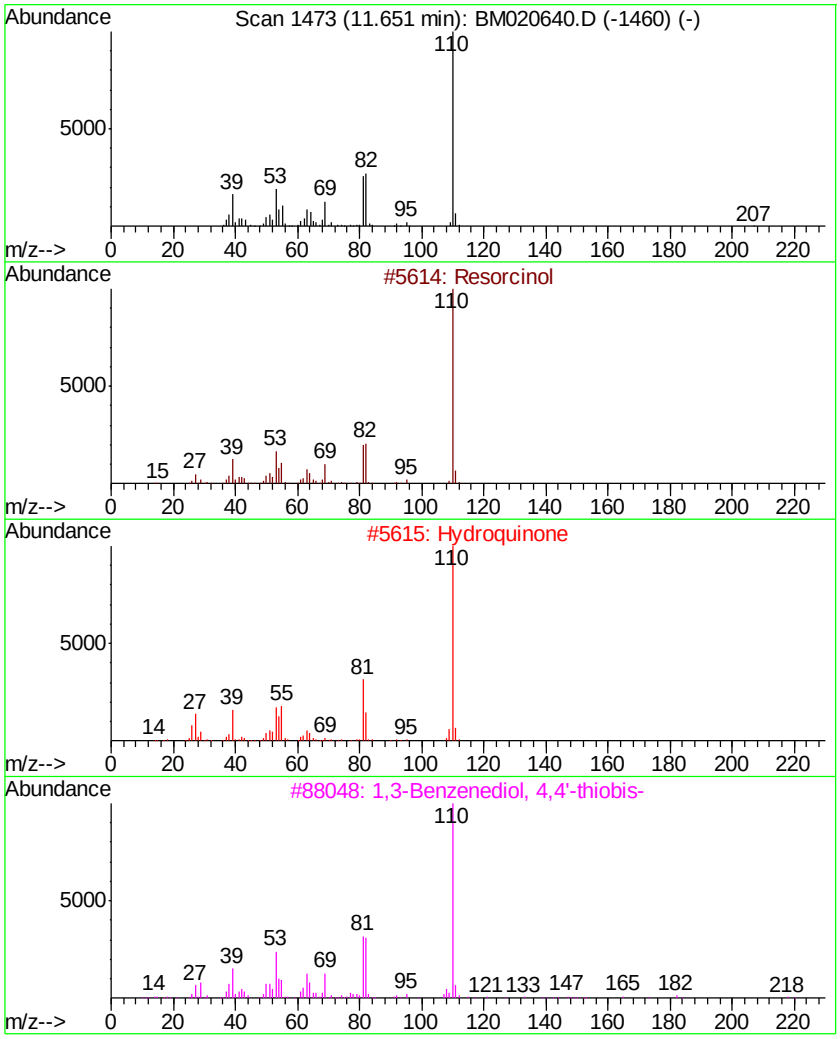
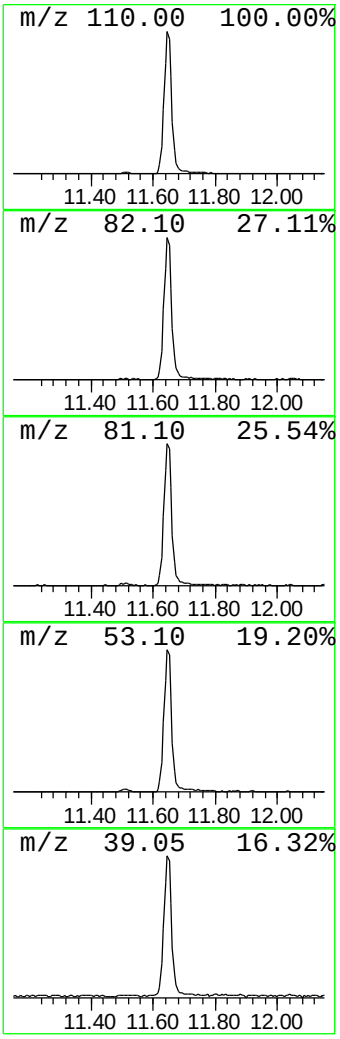
Peak Number 4 Resorcinol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	9.35 ng	1083820	Naphthalene-d8	10.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Resorcinol	110	C6H6O2	000108-46-3	97
2	Hydroquinone	110	C6H6O2	000123-31-9	72
3	1,3-Benzenediol, 4,4'-thiobis-	250	C12H10O4S	000097-29-0	64
4	4(1H)-Pyrimidinone, 6-methyl-	110	C5H6N2O	003524-87-6	59
5	1H-Imidazole-2-carboxaldehyde, 1...	110	C5H6N2O	013750-81-7	59





Library Search Compound Report

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Operator : JU/SJ
Sample : K3072-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-7

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM053119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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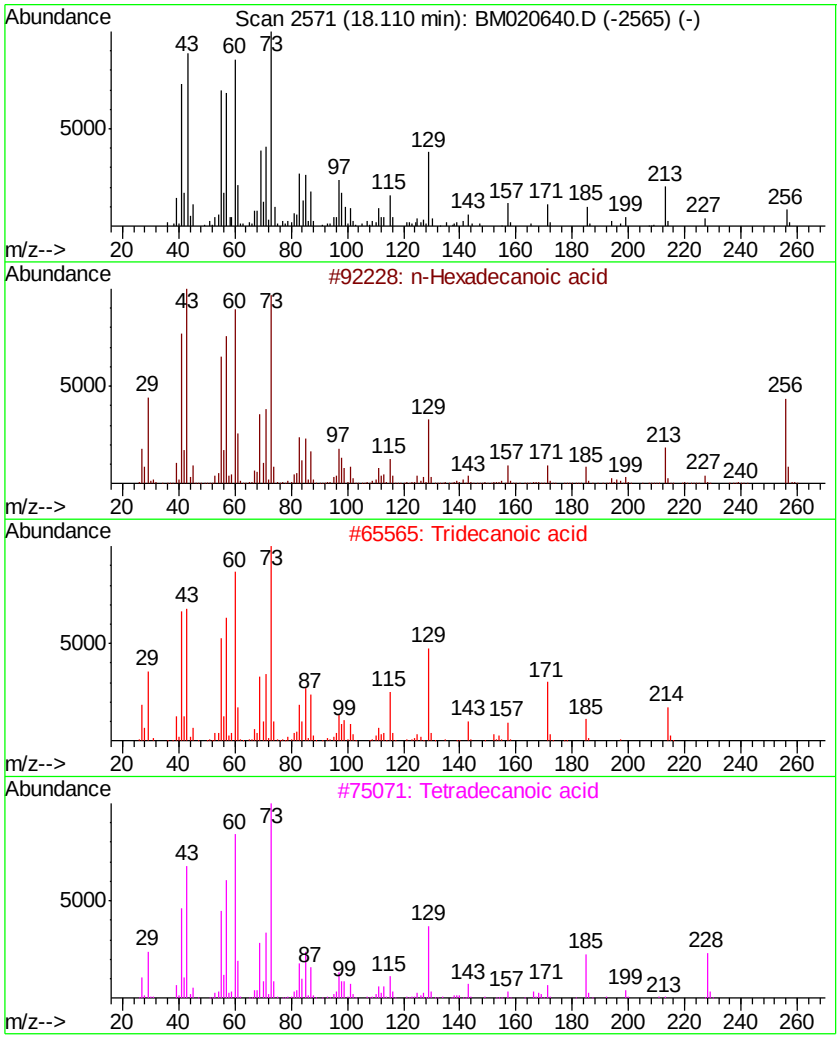
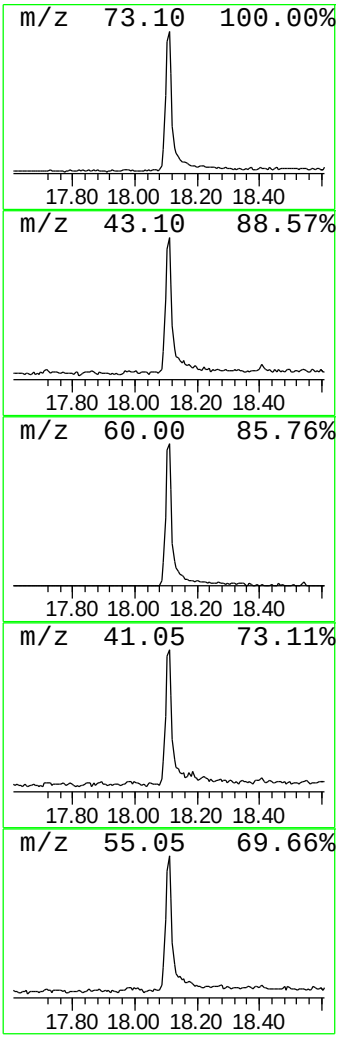
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.11	3.74 ng	529217	Phenanthrene-d10	17.22

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	70
5	Dodecane, 1,2-dibromo-	326	C12H24Br2	055334-42-4	18





Library Search Compound Report

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

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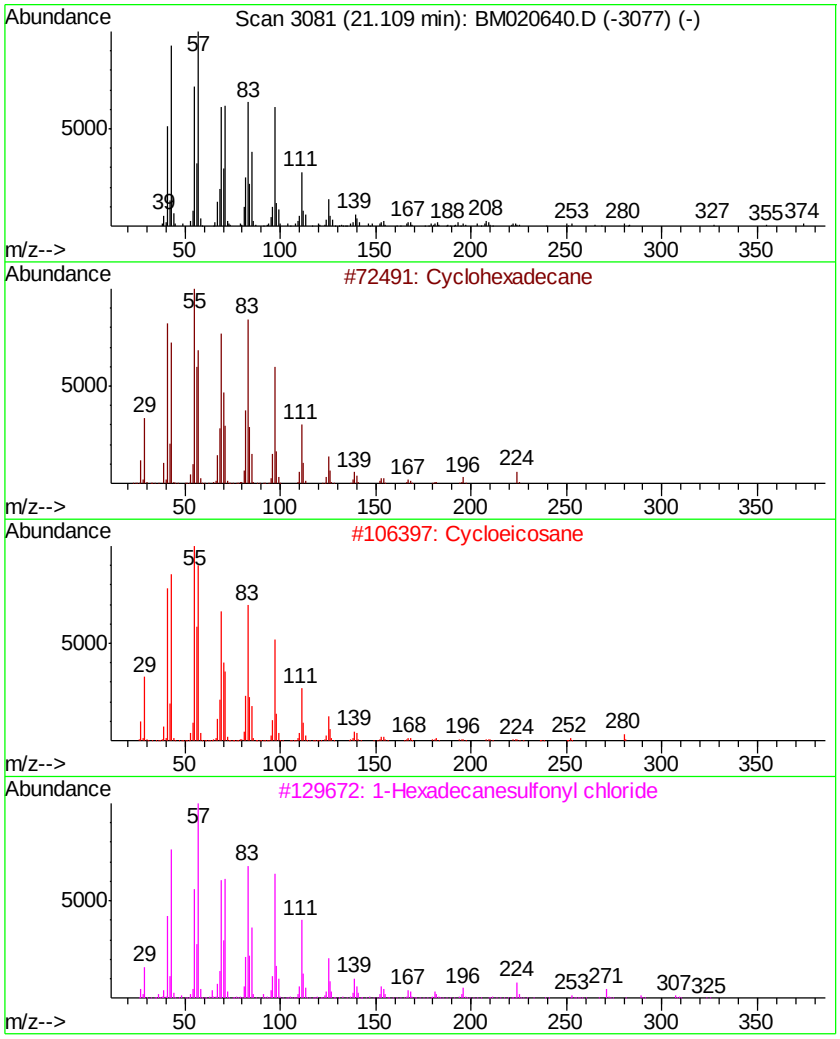
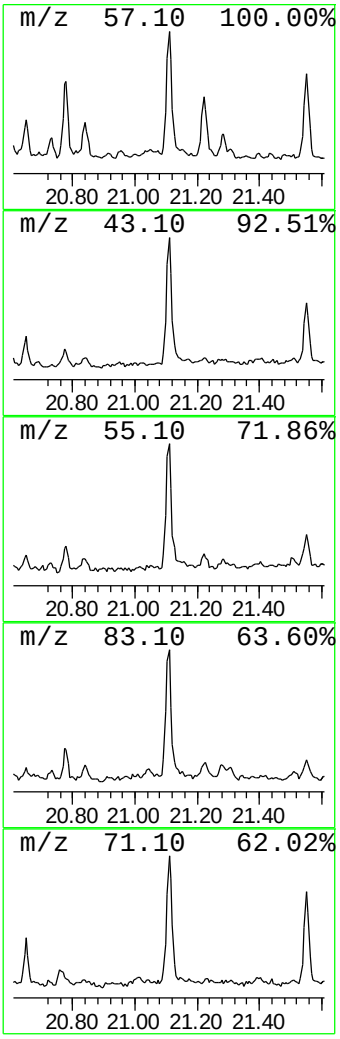
Peak Number 6 Cyclohexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.11	3.01 ng	445776	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	98
2	Cycloeicosane	280	C20H40	000296-56-0	95
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
5	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90





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

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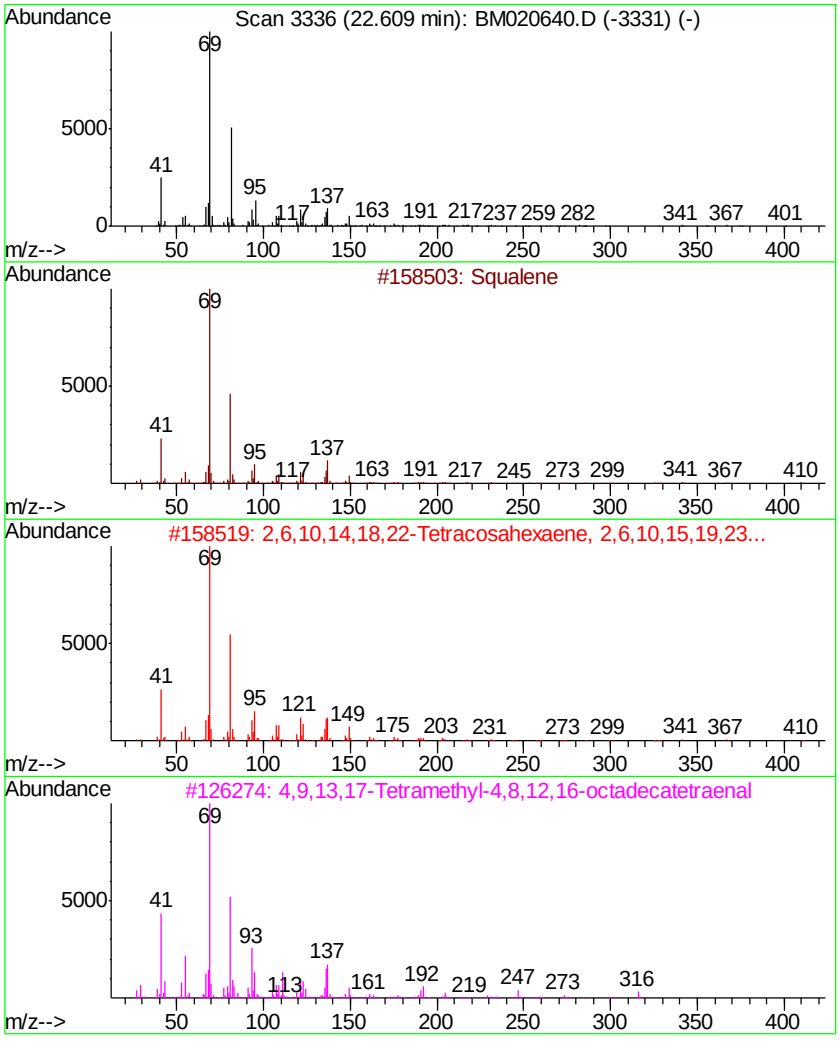
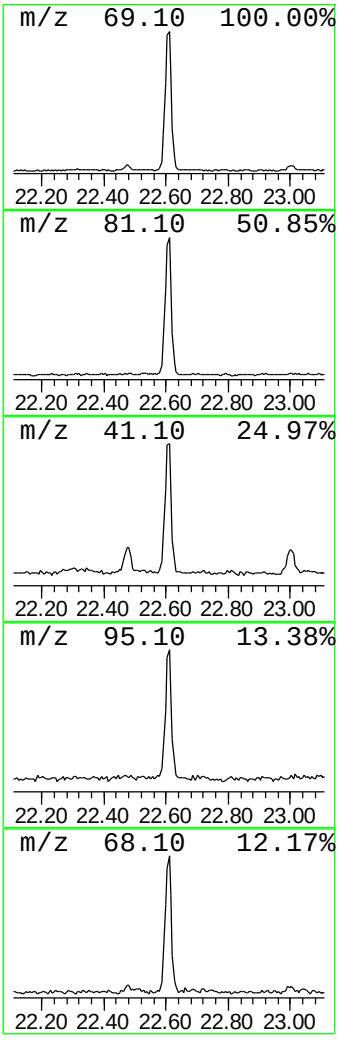
Peak Number 7 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	4.43 ng	682796	Perylene-d12	23.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	007683-64-9	91
2	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
3	4,9,13,17-Tetramethyl-4,8,12,16-...	316	C22H36O	056882-09-8	83
4	2,6,10,14-Hexadecatetraen-1-ol, ...	332	C22H36O2	061691-98-3	72
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	72





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.07	31.7	ng	2715680	1	7.83	1711960	20.0
unknown7.37	7.37	108.8	ng	9314780	1	7.83	1711960	20.0
Resorcinol	11.65	9.3	ng	1083820	2	10.63	2317310	20.0
n-Hexadecanoic acid	18.11	3.7	ng	529217	4	17.22	2826370	20.0
Cyclohexadecane	21.11	3.0	ng	445776	5	21.39	2961180	20.0
Squalene	22.61	4.4	ng	682796	6	23.69	3082370	20.0