LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM040418\
Data File : BM014669.D
Acq On : 04 Apr 2018 11:59
Operator : SJ/JU
Sample : J2135-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2C40

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM032818MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.693	13	18	25	rVB	92936	132788	1.04%	0.056%
2	5.669	346	354	363	rBV	884797	2188927	17.12%	0.926%
3	5.740	364	366	386	rVB	85730	210410	1.65%	0.089%
4	7.692	690	698	701	rBV	1652775	3098454	24.23%	1.310%
5	7.722	701	703	715	rVB	1672114	2085380	16.31%	0.882%
6	7.881	723	730	738	rVB	1250622	1953967	15.28%	0.826%
7	8.092	759	766	775	rBV	1567745	2585967	20.22%	1.094%
8	8.581	842	849	856	rVB	1506854	2438948	19.07%	1.031%
9	9.010	914	922	931	rBV	2235236	3680228	28.78%	1.556%
10	9.269	955	966	976	rBV	1925281	3265680	25.54%	1.381%
11	9.757	1042	1049	1056	rBV	1468381	2482855	19.42%	1.050%
12	10.492	1167	1174	1185	rBV	962988	1642909	12.85%	0.695%
13	11.027	1257	1265	1273	rBV	1943077	3250568	25.42%	1.375%
14	11.427	1325	1333	1341	rBV	2111397	3618812	28.30%	1.530%
15	11.545	1346	1353	1361	rBV	779062	1327269	10.38%	0.561%
16	12.898	1576	1583	1591	rBV	1792685	2793057	21.84%	1.181%
17	13.133	1617	1623	1637	rBV	195385	360673	2.82%	0.153%
18	14.568	1859	1867	1872	rBV	3533564	4776801	37.36%	2.020%
19	14.615	1872	1875	1883	rVB	104926	154901	1.21%	0.066%
20	14.880	1913	1920	1923	rBV	3876731	6391524	49.98%	2.703%
21	14.910	1923	1925	1932	rVB	2255997	2607521	20.39%	1.103%
22	15.180	1964	1971	1976	rBV2	3104599	4628433	36.20%	1.957%
23	15.239	1976	1981	1989	rVB	2685471	3988365	31.19%	1.687%
24	15.327	1989	1996	2006	rBV	1414733	2145865	16.78%	0.908%
25	15.510	2015	2027	2032	rBV	1715630	3703247	28.96%	1.566%
26	15.568	2032	2037	2047	rVV	2949312	4316686	33.76%	1.826%
27	15.662	2047	2053	2065	rVB	3132792	4682342	36.62%	1.980%
28	15.957	2097	2103	2111	rVB	3748145	4975534	38.91%	2.104%
29	16.157	2130	2137	2142	rBV	4798803	6948156	54.34%	2.939%
30	16.209	2142	2146	2150	rVV	2698526	3895344	30.46%	1.647%
31	16.245	2150	2152	2164	rVB	917940	1188526	9.29%	0.503%
32	16.398	2172	2178	2184	rBV	5702349	7910104	61.86%	3.345%
33	17.133	2298	2303	2310	rBV	2712361	3355628	26.24%	1.419%
34	17.209	2310	2316	2325	rVV	9924263	12787253	100.00%	5.408%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM040418\
Data File : BM014669.D
Acq On : 04 Apr 2018 11:59
Operator : SJ/JU
Sample : J2135-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2C40

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM032818MA.M
Title : SVOA CALIBRATION

35	17.327	2330	2336	2350	rVB	5762045	7709112	60.29%	3.260%
36	17.533	2365	2371	2372	rBV	4535734	5232956	40.92%	2.213%
37	17.556	2372	2375	2393	rVB	7295464	10415577	81.45%	4.405%
38	17.892	2426	2432	2439	rVV	3403253	4824745	37.73%	2.040%
39	17.992	2442	2449	2452	rBV	5031031	7438117	58.17%	3.146%
40	18.021	2452	2454	2466	rVB	1993025	2589379	20.25%	1.095%
41	18.474	2526	2531	2536	rBV	97068	140869	1.10%	0.060%
42	18.809	2582	2588	2591	rBV	3386240	4220335	33.00%	1.785%
43	18.850	2591	2595	2607	rVB	5672677	7000235	54.74%	2.961%
44	20.221	2822	2828	2834	rBV	5685019	7443369	58.21%	3.148%
45	21.097	2972	2977	2985	rBV	4191694	4636831	36.26%	1.961%
46	21.262	3000	3005	3011	rVB	7172928	8104217	63.38%	3.427%
47	21.980	3121	3127	3135	rBV	3134853	4385540	34.30%	1.855%
48	22.827	3266	3271	3282	rVB	2896537	4085799	31.95%	1.728%
49	23.727	3418	3424	3429	rBV	3356716	6310162	49.35%	2.669%
50	23.780	3429	3433	3444	rVB	3402220	5789597	45.28%	2.449%
51	24.338	3521	3528	3532	rBV2	2827713	5864870	45.86%	2.480%
52	24.391	3532	3537	3547	rVB	2734227	5601463	43.81%	2.369%
53	24.497	3548	3555	3565	rVB2	1692822	3762614	29.42%	1.591%
54	27.121	3992	4001	4018	rVB2	3012042	9642977	75.41%	4.078%
55	27.926	4128	4138	4152	rVB	1673145	5679723	44.42%	2.402%

Sum of corrected areas: 236451609

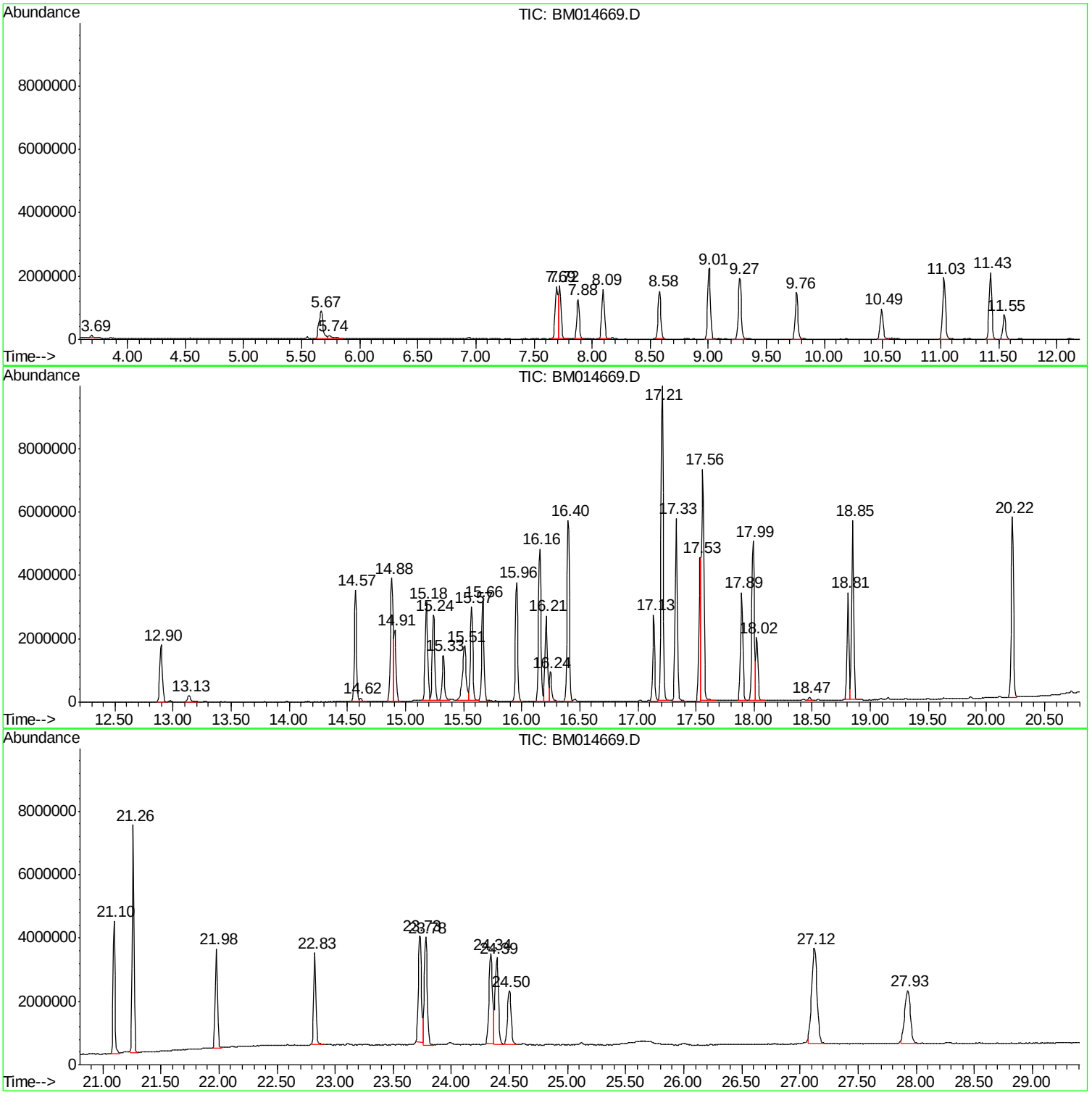
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\Data\BM040418\
Data File : BM014669.D
Acq On : 04 Apr 2018 11:59
Operator : SJ/JU
Sample : J2135-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2C40

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM040418\
Data File : BM014669.D
Acq On : 04 Apr 2018 11:59
Operator : SJ/JU
Sample : J2135-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2C40

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

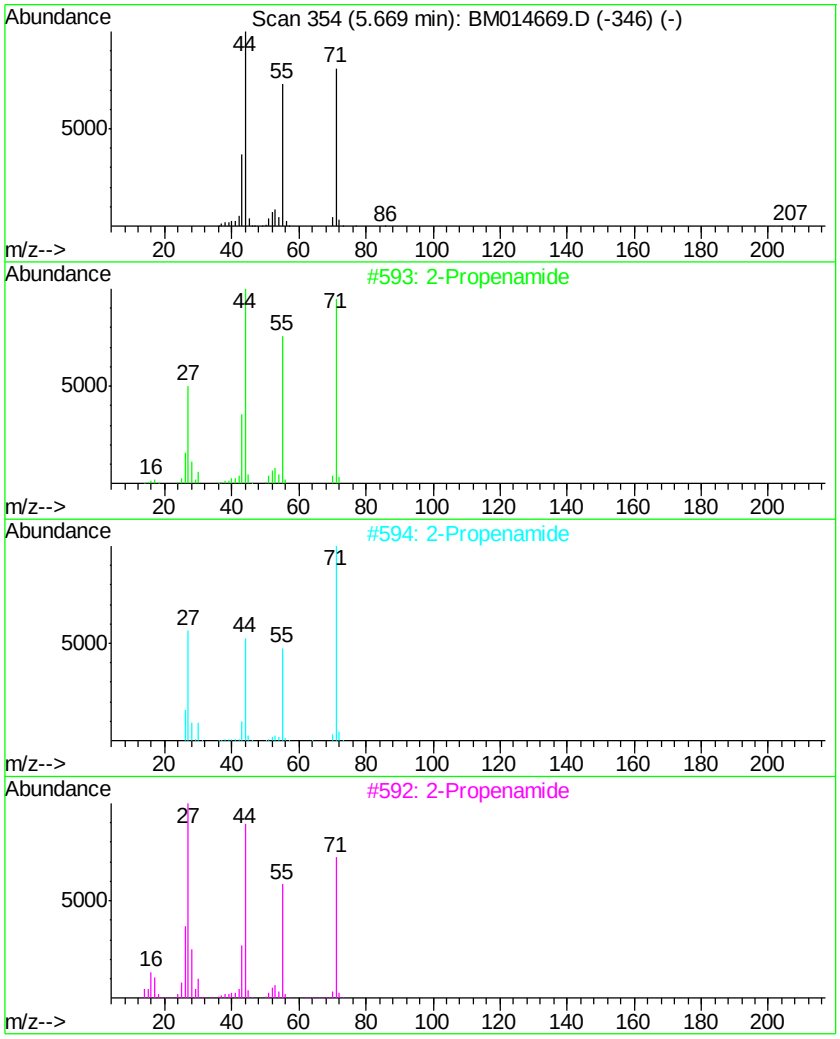
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

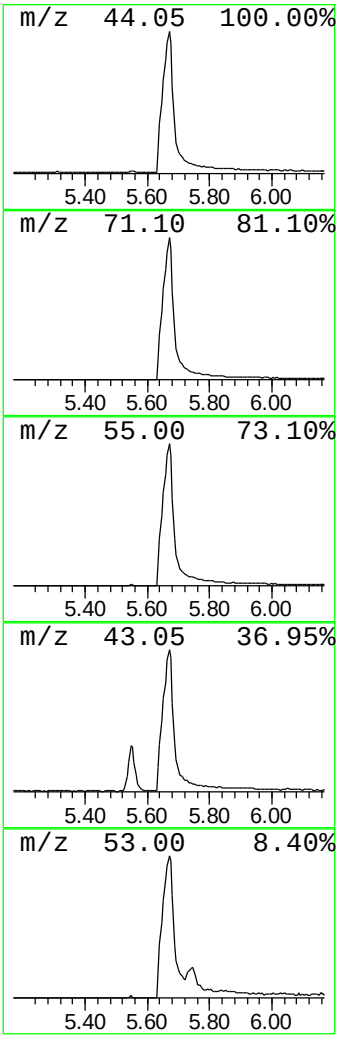
****

Peak Number 1 2-Propenamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.67	17.95 ng/ul	2188930	1,4-Dichlorobenzene-d4	8.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenamide	71	C3H5NO	000079-06-1	91
2	2-Propenamide	71	C3H5NO	000079-06-1	90
3	2-Propenamide	71	C3H5NO	000079-06-1	87
4	2-Propenamide	71	C3H5NO	000079-06-1	86
5	Furan, 2-butyltetrahydro-	128	C8H16O	001004-29-1	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM040418\
Data File : BM014669.D
Acq On : 04 Apr 2018 11:59
Operator : SJ/JU
Sample : J2135-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2C40

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

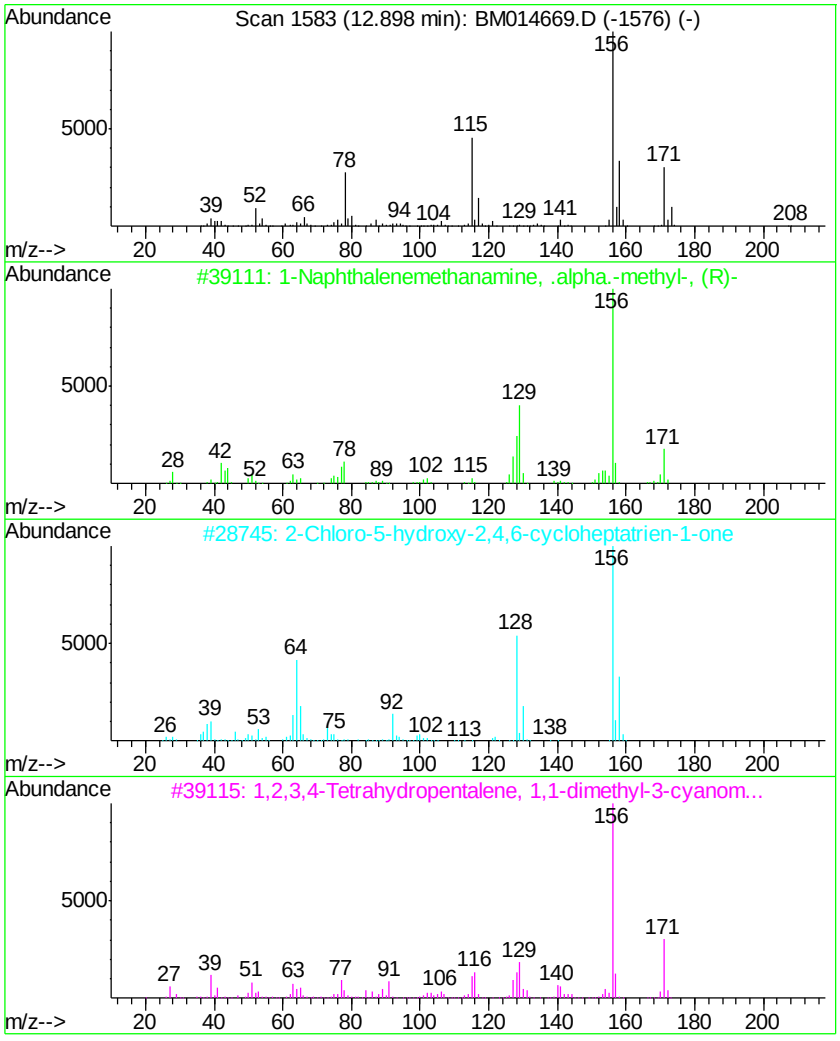
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

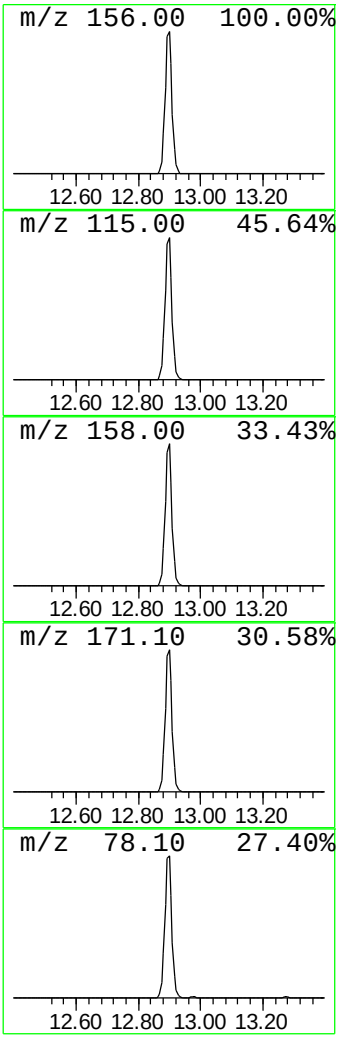
****

Peak Number 2 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.90	15.44 ng/ul	2793060	Naphthalene-d8	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenemethanamine, .alpha...	171	C12H13N	003886-70-2	43
2	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	43
3	1,2,3,4-Tetrahydropentalene, 1,1...	171	C12H13N	1000217-18-6	37
4	6-Isopropylquinoline	171	C12H13N	000135-79-5	32
5	Bicyclo[3.2.0]hept-2-ene, 4-isop...	171	C12H13N	1000217-15-6	32





Data Path : Z:\HPCHEM1\BNA M\Data\BM040418\
Data File : BM014669.D
Acq On : 04 Apr 2018 11:59
Operator : SJ/JU
Sample : J2135-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2C40

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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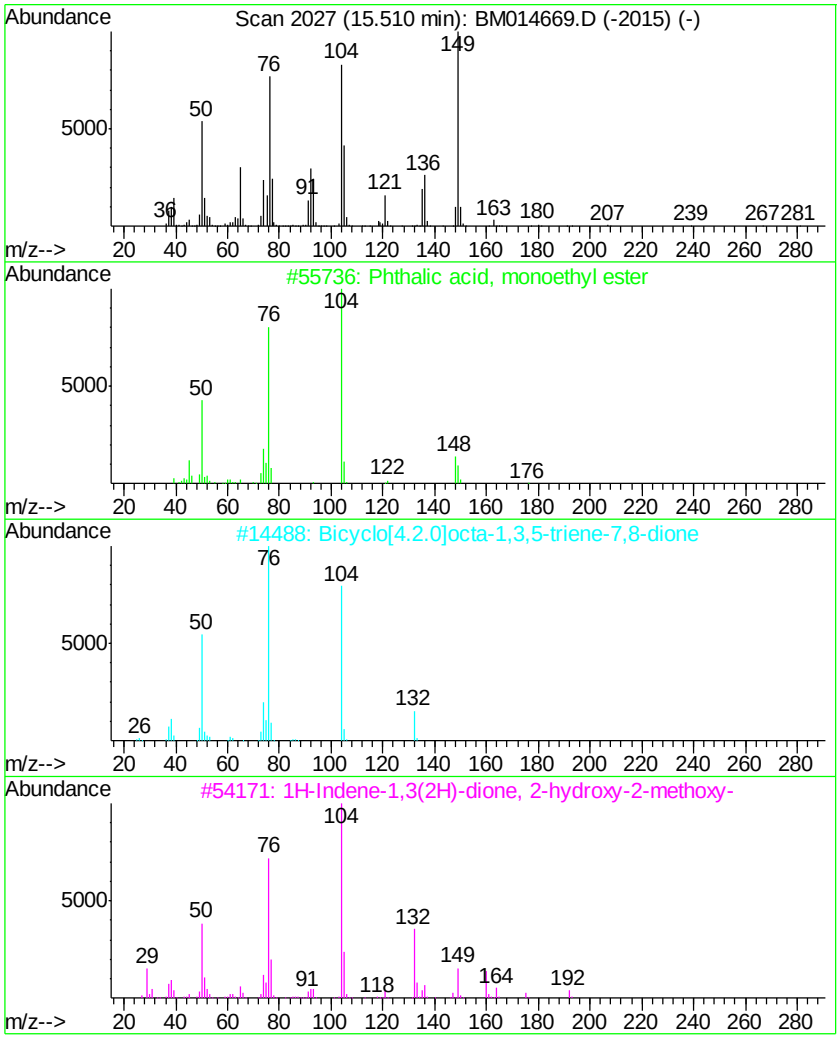
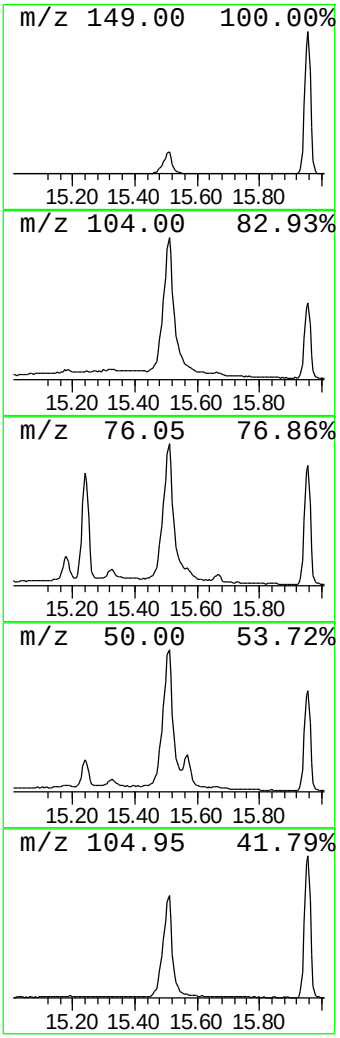
Peak Number 3 Phthalic acid, monoethyl ester Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	16.00 ng/ul	3703250	Acenaphthene-d10	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, monoethyl ester	194	C10H10O4	002306-33-4	64
2	Bicyclo[4.2.0]octa-1,3,5-triene-...	132	C8H4O2	006383-11-5	64
3	1H-Indene-1,3(2H)-dione, 2-hydro...	192	C10H8O4	038274-04-3	64
4	Methyl hydrogen phthalate	180	C9H8O4	004376-18-5	64
5	Ninhydrin	178	C9H6O4	000485-47-2	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\Data\BM040418\
Data File : BM014669.D
Acq On : 04 Apr 2018 11:59
Operator : SJ/JU
Sample : J2135-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2C40

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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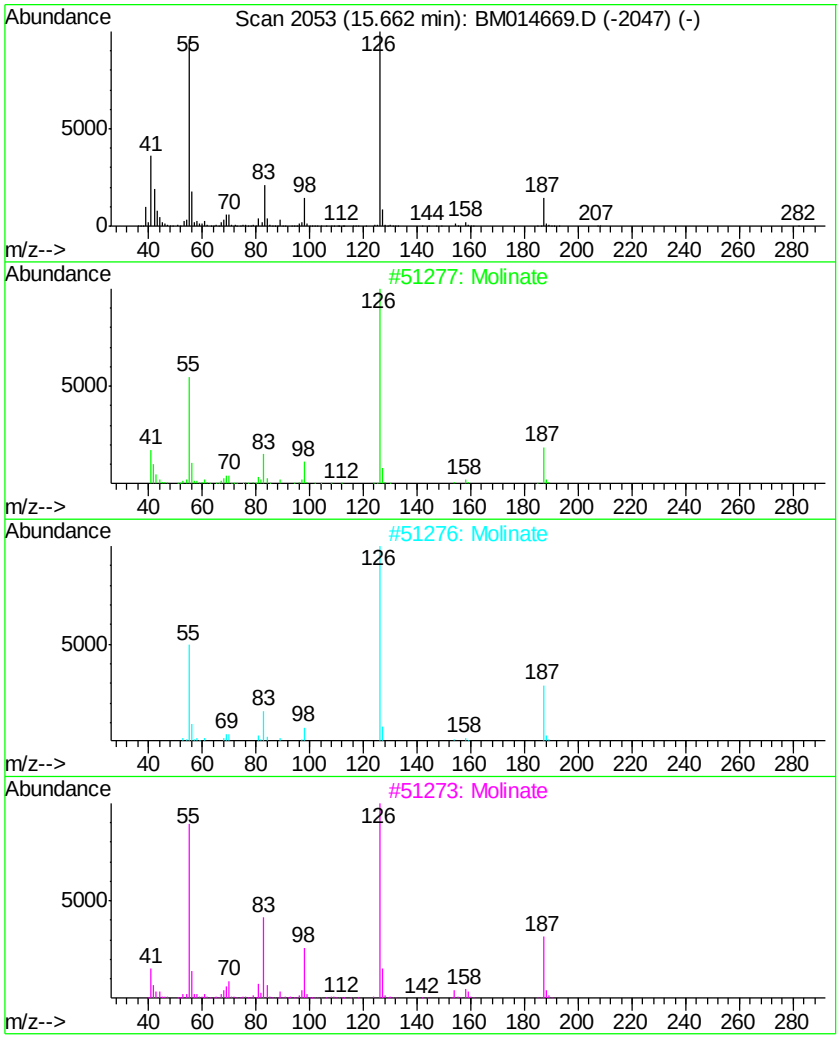
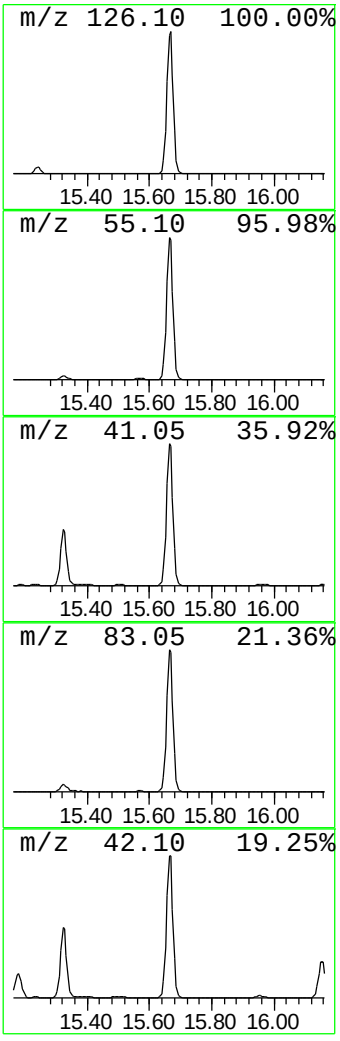
Peak Number 4 Molinate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	20.23 ng/ul	4682340	Acenaphthene-d10	15.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Molinate	187	C9H17NOS	002212-67-1	97
2	Molinate	187	C9H17NOS	002212-67-1	95
3	Molinate	187	C9H17NOS	002212-67-1	55
4	3H-Pyrazol-3-one, 2,4-dihydro-2,...	126	C6H10N2O	017826-82-3	53
5	Thymine	126	C5H6N2O2	000065-71-4	53





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Sample : J2135-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2C40

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

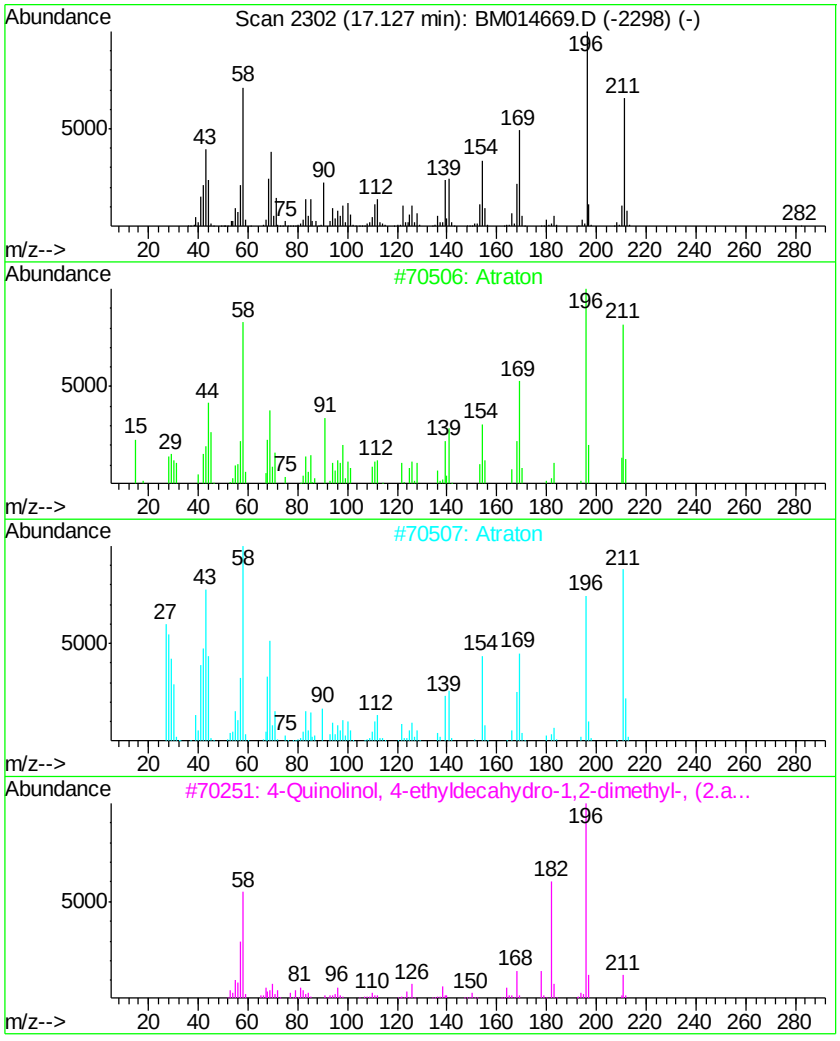
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

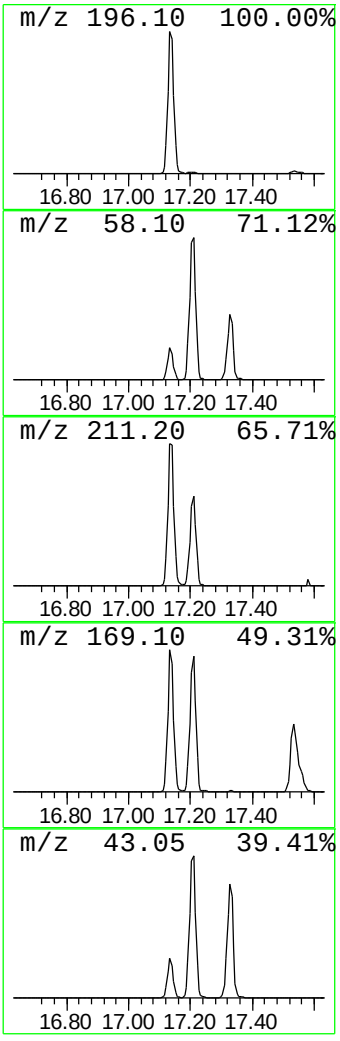
****

Peak Number 5 Atraton Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.13	13.91 ng/ul	3355630	Phenanthrene-d10	17.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Atraton	211	C9H17N5O	001610-17-9	87
2	Atraton	211	C9H17N5O	001610-17-9	76
3	4-Quinolinol, 4-ethyldecahydro-1...	211	C13H25NO	020422-72-4	27
4	4-Hydroxybenzo[g]quinazoline	196	C12H8N2O	033987-00-7	27
5	1H-Purine-2,6,8(3H)-trione, 7,9-...	196	C7H8N4O3	000944-73-0	18





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Sample : J2135-02
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ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2C40

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

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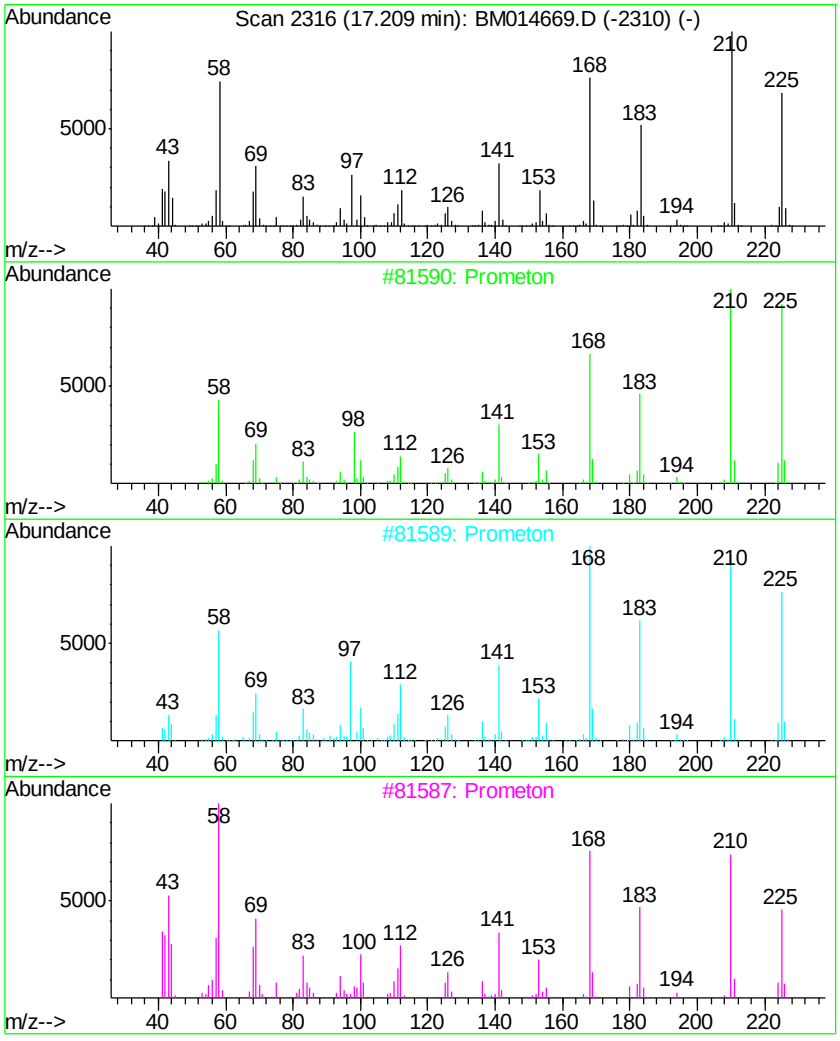
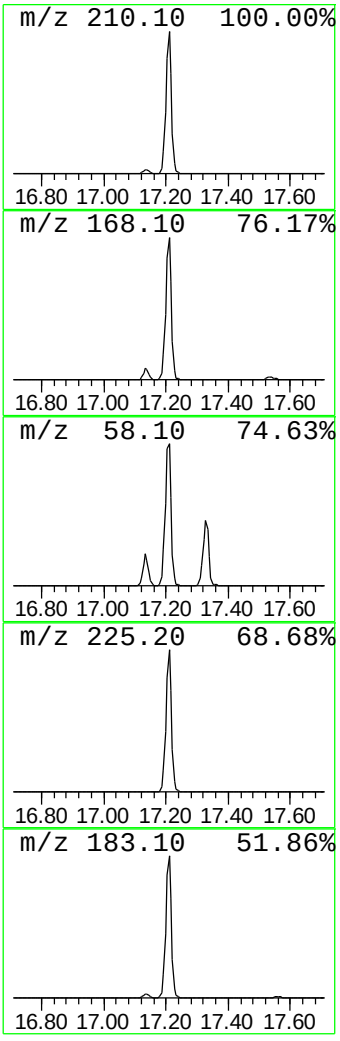
Peak Number 6 Prometon Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	53.01 ng/ul	12787300	Phenanthrene-d10	17.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Prometon	225	C10H19N5O	001610-18-0	99
2	Prometon	225	C10H19N5O	001610-18-0	99
3	Prometon	225	C10H19N5O	001610-18-0	99
4	Prometon	225	C10H19N5O	001610-18-0	99
5	Prometon	225	C10H19N5O	001610-18-0	99





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Data File : BM014669.D
Acq On : 04 Apr 2018 11:59
Operator : SJ/JU
Sample : J2135-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2C40

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

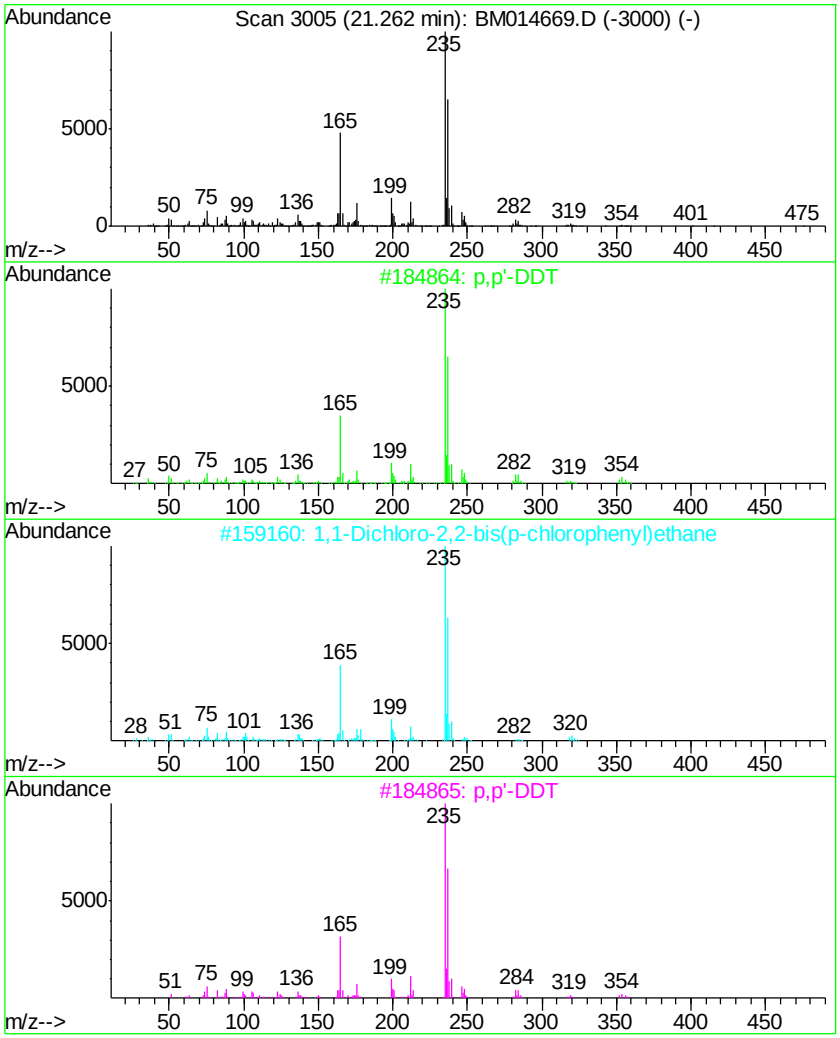
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

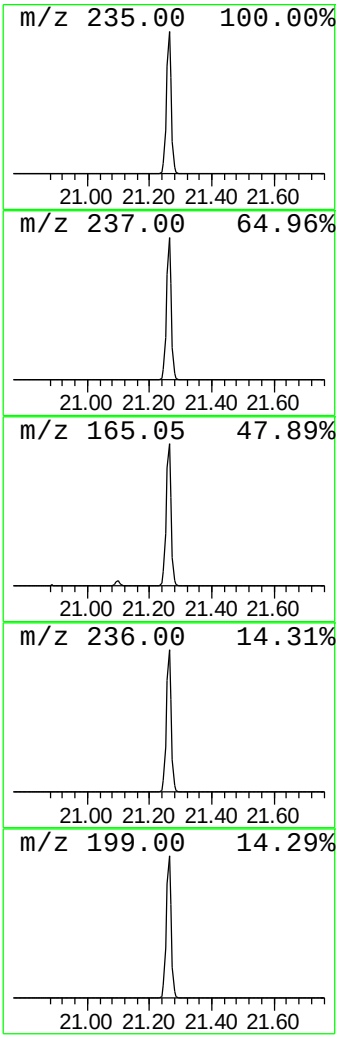
****

Peak Number 7 p,p'-DDT Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.26	36.96 ng/ul	8104220	Chrysene-d12	21.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p,p'-DDT	352	C14H9Cl5	000050-29-3	99
2	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	97
3	p,p'-DDT	352	C14H9Cl5	000050-29-3	96
4	o,p'-DDT	352	C14H9Cl5	000789-02-6	95
5	3-Butanone, 1,1-bis(4-chlorophen...	320	C18H18Cl2O	1000158-20-4	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\Data\BM040418\
Data File : BM014669.D
Acq On : 04 Apr 2018 11:59
Operator : SJ/JU
Sample : J2135-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2C40

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032818MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Propenamide	5.67	17.9	ng/ul	2188930	1	8.58	2438950	20.0
unknown-01	12.90	15.4	ng/ul	2793060	2	11.43	3618810	20.0
Phthalic acid, mo...	15.51	16.0	ng/ul	3703250	3	15.18	4628430	20.0
Molinate	15.66	20.2	ng/ul	4682340	3	15.18	4628430	20.0
Atraton	17.13	13.9	ng/ul	3355630	4	17.89	4824750	20.0
Prometon	17.21	53.0	ng/ul	12787300	4	17.89	4824750	20.0
p,p'-DDT	21.26	37.0	ng/ul	8104220	5	21.98	4385540	20.0