LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003275.D
Acq On : 14 Sep 2020 18:57
Operator : CG/JU
Sample : L3981-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B17-4-6

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_P\METHODS\8270-BP082420.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	4.405	251	258	275	rVB	6612405	10582903	100.00%	26.852%
2	5.258	396	403	417	rBV	1149630	1743547	16.48%	4.424%
3	6.834	660	671	687	rBV	1031433	1773907	16.76%	4.501%
4	7.640	800	808	819	rBV	608393	980724	9.27%	2.488%
5	8.787	995	1003	1015	rBV	724856	1269506	12.00%	3.221%
6	10.416	1272	1280	1294	rBV	734481	1367422	12.92%	3.470%
7	12.898	1696	1702	1719	rBV	2249667	3517469	33.24%	8.925%
8	13.745	1842	1846	1852	rVB	107021	161425	1.53%	0.410%
9	14.004	1885	1890	1894	rBV	77901	150000	1.42%	0.381%
10	14.281	1929	1937	1948	rVB2	1122188	1878912	17.75%	4.767%
11	15.034	2061	2065	2071	rVB	418543	567362	5.36%	1.440%
12	15.169	2084	2088	2100	rBV4	76780	195282	1.85%	0.495%
13	15.781	2187	2192	2203	rBV	1374554	2068719	19.55%	5.249%
14	16.351	2286	2289	2293	rVB2	88498	112669	1.06%	0.286%
15	17.039	2400	2406	2411	rBV	1160810	1722372	16.28%	4.370%
16	19.057	2746	2749	2754	rVB	396976	491845	4.65%	1.248%
17	19.410	2806	2809	2814	rVB	342914	407508	3.85%	1.034%
18	19.616	2839	2844	2848	rBV	2880091	3562660	33.66%	9.040%
19	20.863	3052	3056	3061	rBV2	404447	521840	4.93%	1.324%
20	21.057	3087	3089	3093	rVB	173855	170587	1.61%	0.433%
21	21.133	3097	3102	3106	rVV	1480480	2102526	19.87%	5.335%
22	21.169	3106	3108	3118	rVB	291111	405177	3.83%	1.028%
23	21.398	3144	3147	3151	rVB	501008	548596	5.18%	1.392%
24	21.621	3182	3185	3188	rVB	188437	209974	1.98%	0.533%
25	22.698	3363	3368	3373	rBV2	513102	1102354	10.42%	2.797%
26	23.368	3476	3482	3488	rBV2	988828	1796216	16.97%	4.558%

Sum of corrected areas: 39411502

LSC Report - Integrated Chromatogram

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Misc :
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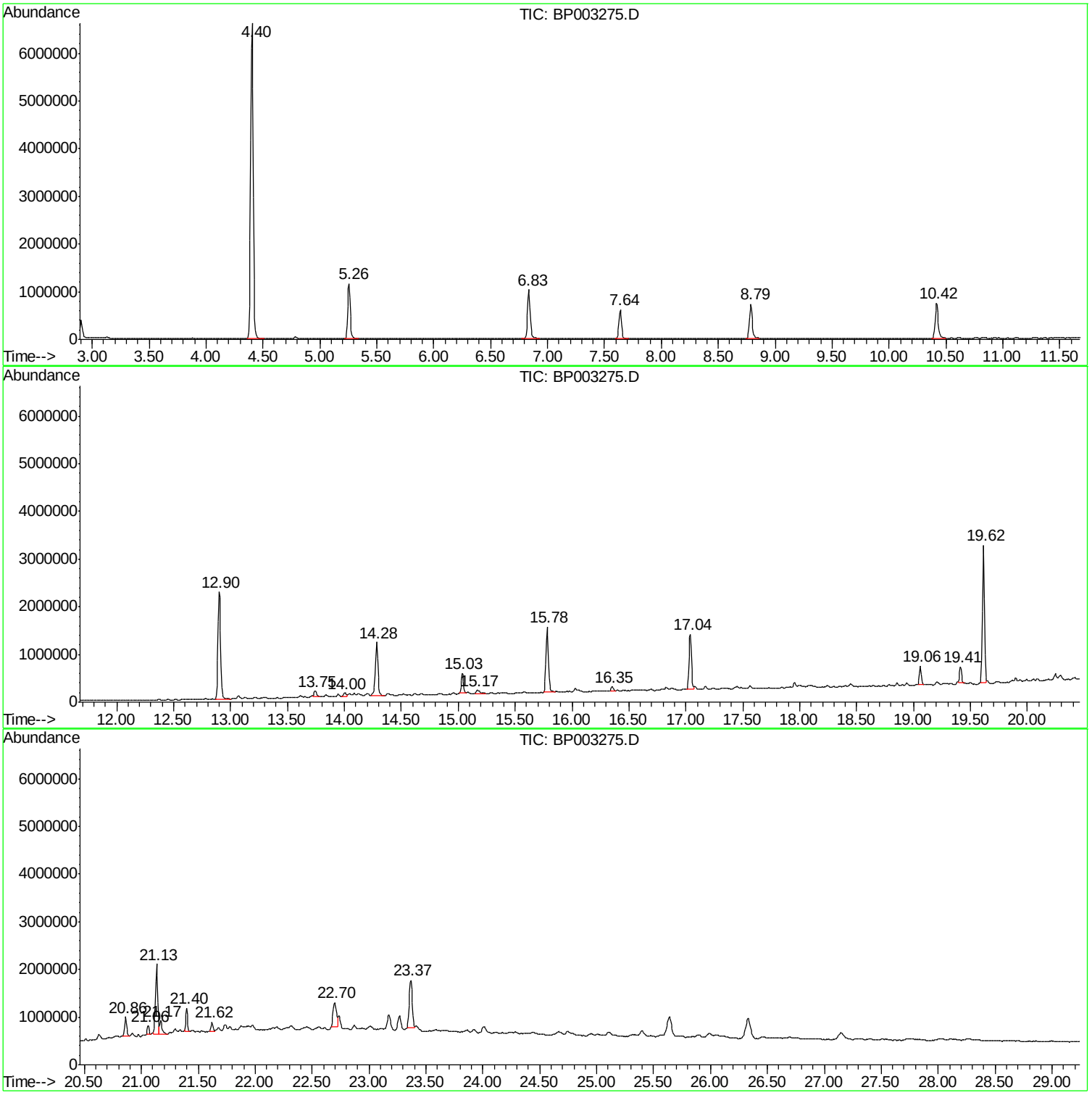
Instrument : BNA_P
ClientSampleId : B17-4-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003275.D
Acq On : 14 Sep 2020 18:57
Operator : CG/JU
Sample : L3981-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B17-4-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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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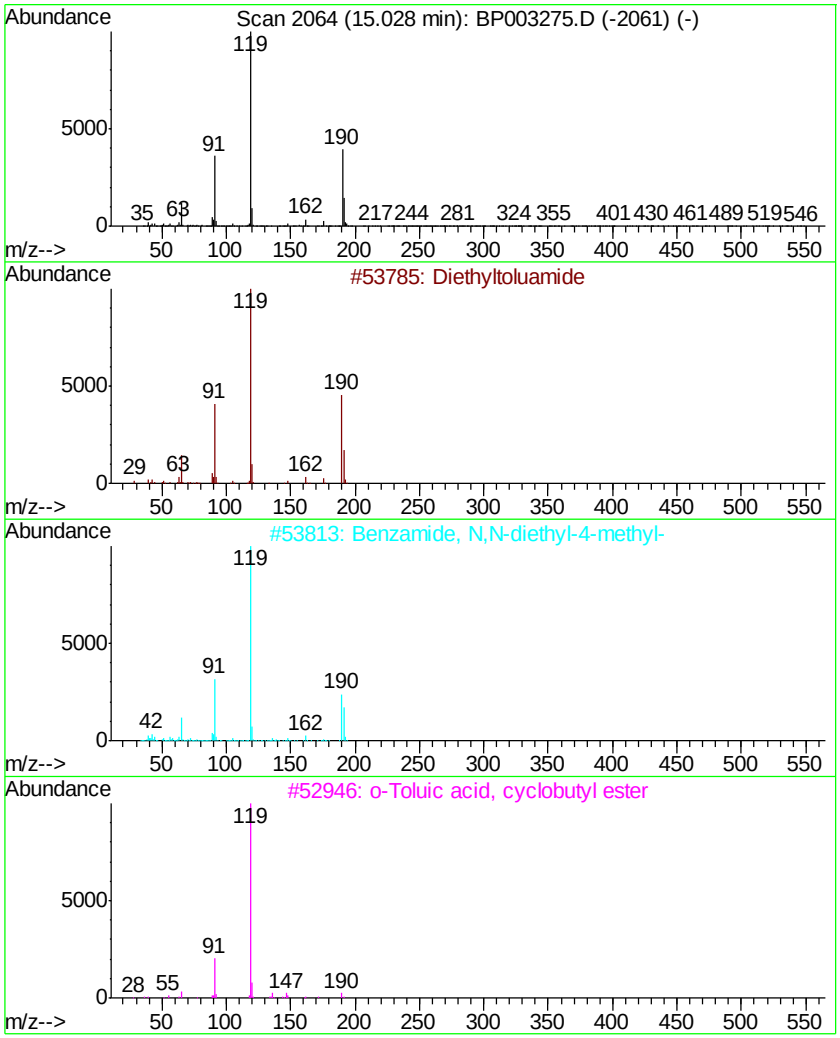
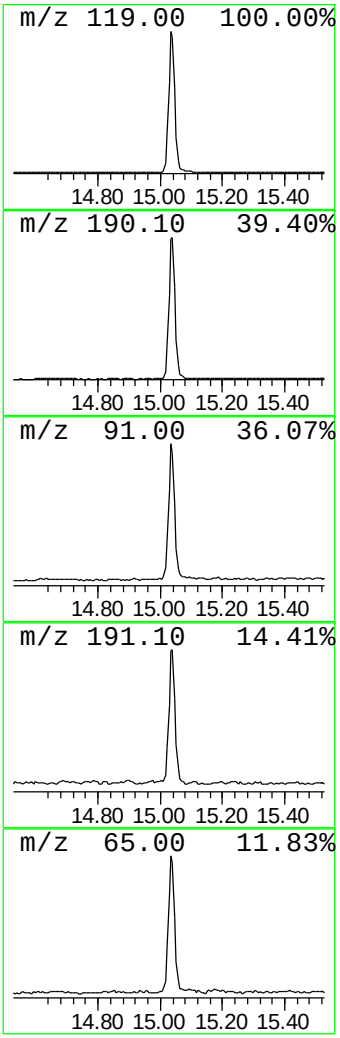
Peak Number 2 Diethyltoluamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	6.04 ng	567362	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	91
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	81
3	o-Toluic acid, cyclobutyl ester	190	C12H14O2	1000292-22-3	72
4	Benzoic acid, 2-methyl-, anhydride	254	C16H14O3	000607-86-3	49
5	o-Toluic acid, 4-chlorophenyl ester	246	C14H11ClO2	1000307-45-5	49





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Data File : BP003275.D
Acq On : 14 Sep 2020 18:57
Operator : CG/JU
Sample : L3981-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B17-4-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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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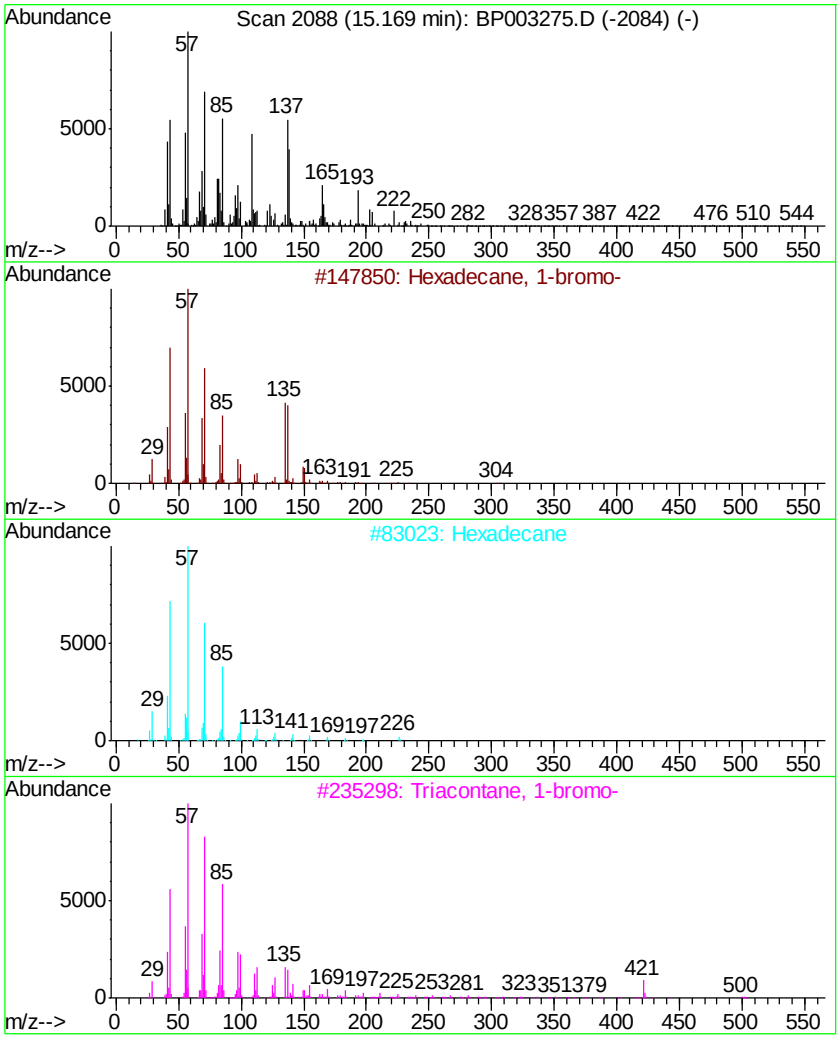
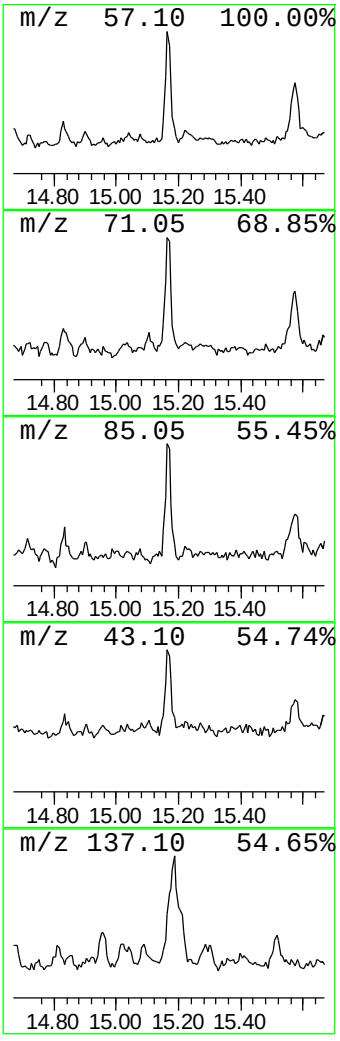
Peak Number 3 Hexadecane, 1-bromo- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	2.08 ng	195282	Acenaphthene-d10	14.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	56
2	Hexadecane	226	C16H34	000544-76-3	56
3	Triacontane, 1-bromo-	500	C30H61Br	004209-22-7	35
4	1-Bromodocosane	388	C22H45Br	006938-66-5	30
5	Sulfurous acid, 2-propyl tridecy...	306	C16H34O3S	1000309-12-4	25





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP091420\
Data File : BP003275.D
Acq On : 14 Sep 2020 18:57
Operator : CG/JU
Sample : L3981-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B17-4-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.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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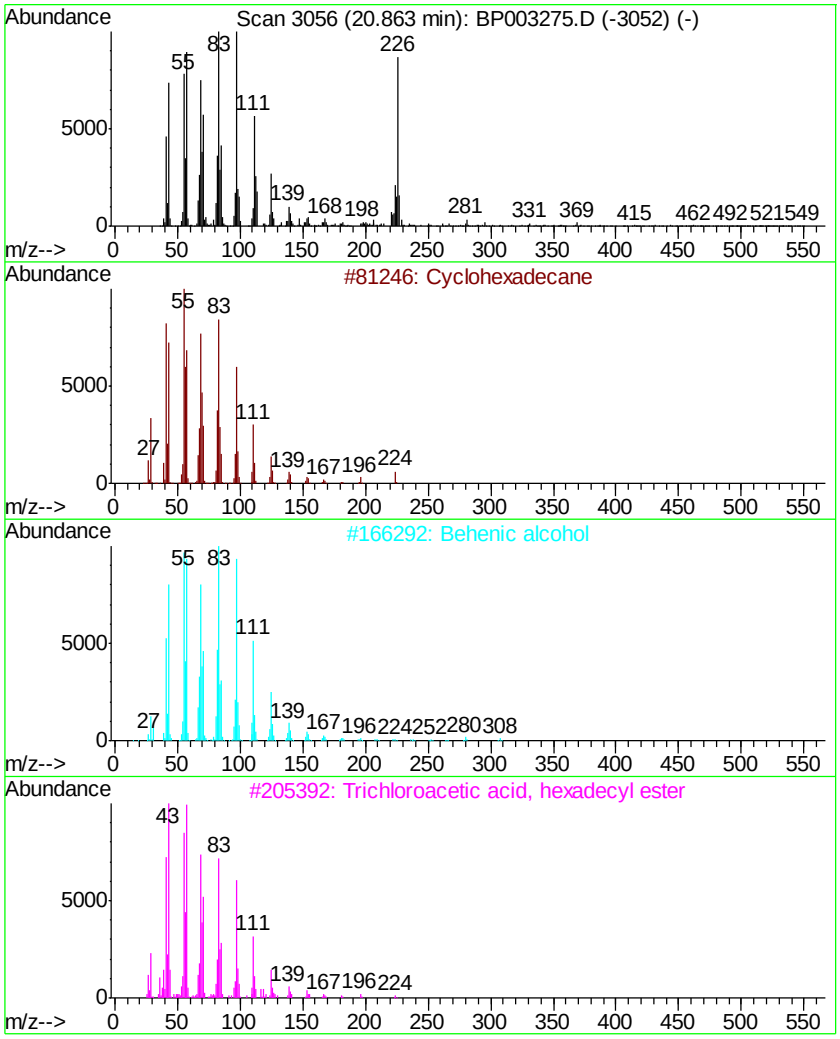
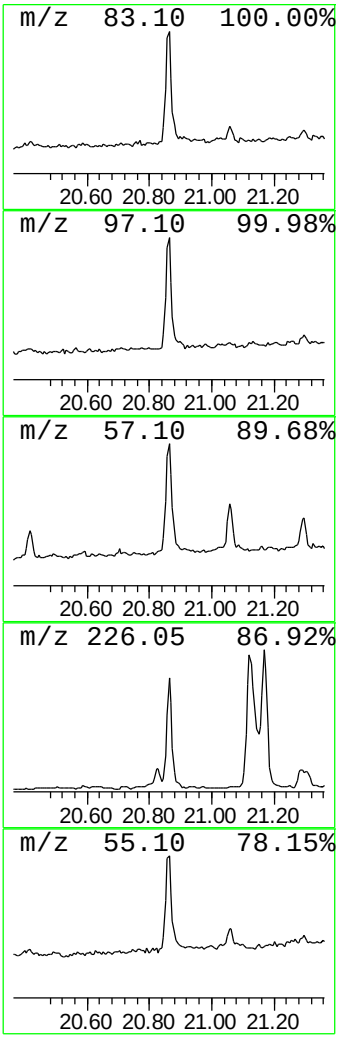
Peak Number 4 Cyclohexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	4.96 ng	521840	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	76
4	1-Heneicosanol	312	C21H44O	015594-90-8	70
5	1-Nonadecene	266	C19H38	018435-45-5	70





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Operator : CG/JU
Sample : L3981-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B17-4-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP082420.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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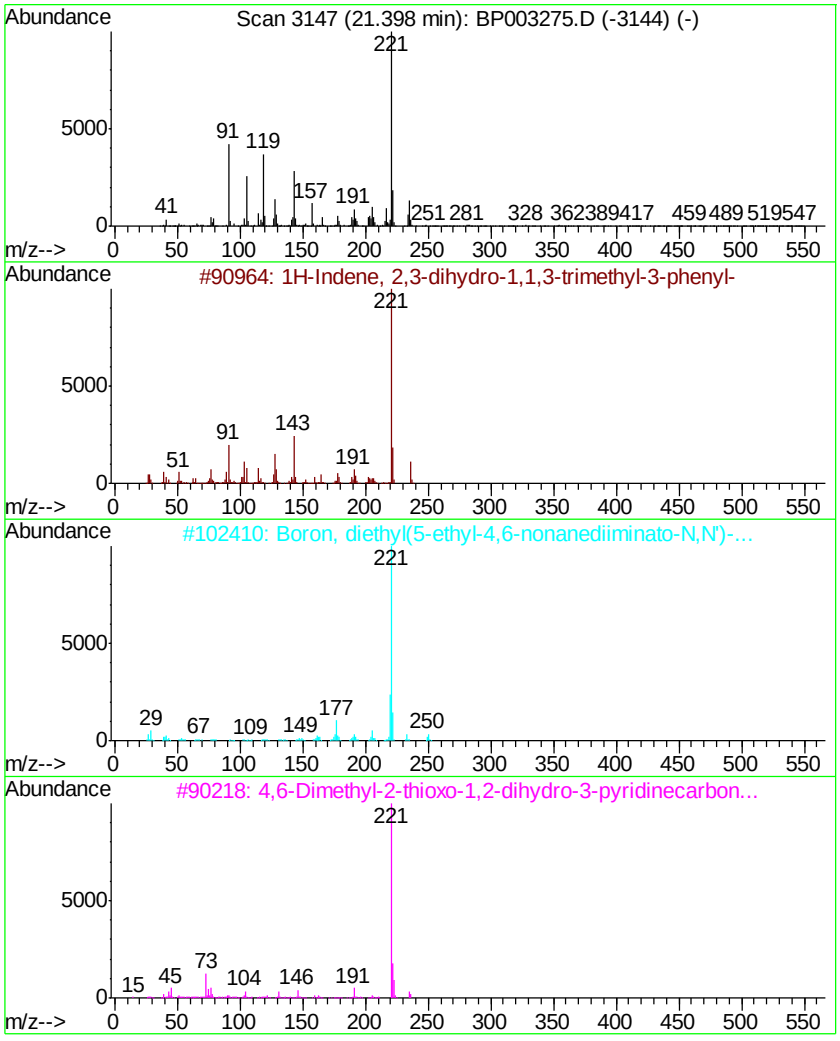
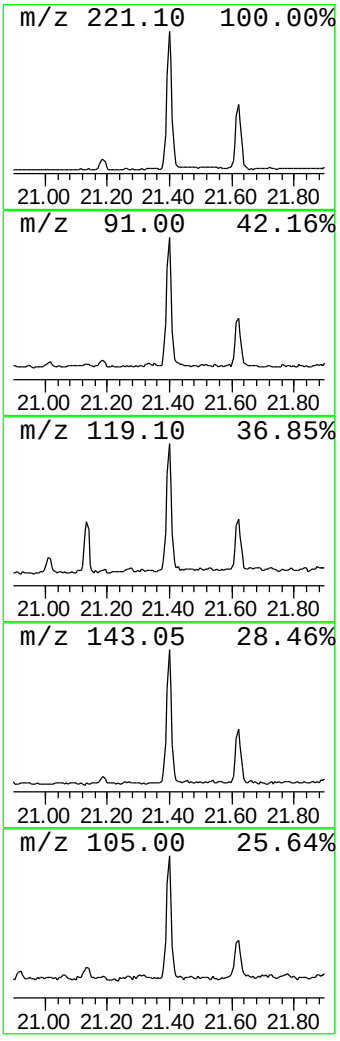
Peak Number 5 unknown21.40 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	5.22 ng	548596	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	236	C18H20	003910-35-8	49
2	Boron, diethyl(5-ethyl-4,6-nonan...	250	C15H31BN2	136705-03-8	47
3	4,6-Dimethyl-2-thioxo-1,2-dihydr...	236	C11H16N2SSi	1000332-43-1	43
4	2,6-Piperidinedione, 4-[[2-butyl...	347	C19H30BNO4	055429-44-2	43
5	3,4-Bis-(methylthio)-quinoline	221	C11H11NS2	074579-34-3	40





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP091420\
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Instrument : BNA_P
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Quant Title : ASP BNA STANDARDS FOR 5 POINT 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
Diethyltoluamide	15.03	6.0	ng	567362	3	14.28	1878910	20.0
Hexadecane, 1-bromo-	15.17	2.1	ng	195282	3	14.28	1878910	20.0
Cyclohexadecane	20.86	5.0	ng	521840	5	21.13	2102530	20.0
unknown21.40	21.40	5.2	ng	548596	5	21.13	2102530	20.0