LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034372.D
Acq On : 24 Mar 2022 21:04
Operator : CG/JU
Sample : N2094-06 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-2-(Q4)

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-BM031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM034372.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.490	377	383	392	rBV	659850	1019595	51.33%	5.611%
2	7.095	649	656	675	rBV	567475	1001395	50.42%	5.511%
3	7.937	790	799	806	rBV	832241	1317882	66.35%	7.253%
4	8.013	806	812	831	rVV	128840	414462	20.87%	2.281%
5	9.101	990	997	1008	rBV	339886	625929	31.51%	3.445%
6	10.748	1268	1277	1295	rBV	991724	1741274	87.67%	9.583%
7	13.207	1688	1695	1709	rBV	866601	1378759	69.41%	7.588%
8	14.577	1918	1928	1936	rBV	1242527	1908838	96.10%	10.505%
9	15.430	2069	2073	2079	rBV	55043	63523	3.20%	0.350%
10	16.065	2174	2181	2190	rBV	485493	834236	42.00%	4.591%
11	16.289	2215	2219	2223	rBV	125882	186789	9.40%	1.028%
12	17.083	2350	2354	2359	rBV	192291	231953	11.68%	1.277%
13	17.136	2360	2363	2373	rVB2	74729	134063	6.75%	0.738%
14	17.318	2389	2394	2399	rBV	1178502	1834937	92.38%	10.098%
15	17.359	2399	2401	2408	rVB	317000	446858	22.50%	2.459%
16	17.454	2414	2417	2422	rVB	54997	75529	3.80%	0.416%
17	17.824	2476	2480	2486	rBV	204234	265485	13.37%	1.461%
18	18.106	2525	2528	2532	rBV5	54673	84921	4.28%	0.467%
19	18.218	2543	2547	2551	rBV3	149264	239484	12.06%	1.318%
20	18.512	2594	2597	2602	rBV	204256	265695	13.38%	1.462%
21	18.977	2673	2676	2680	rBV	138987	180382	9.08%	0.993%
22	19.148	2702	2705	2708	rBV	214025	250839	12.63%	1.380%
23	19.371	2739	2743	2747	rBV2	635029	980238	49.35%	5.395%
24	19.436	2752	2754	2758	rBV	140318	149732	7.54%	0.824%
25	19.936	2833	2839	2846	rVB2	1209233	1986281	100.00%	10.931%
26	20.253	2890	2893	2897	rBV	491456	551657	27.77%	3.036%

Sum of corrected areas: 18170736

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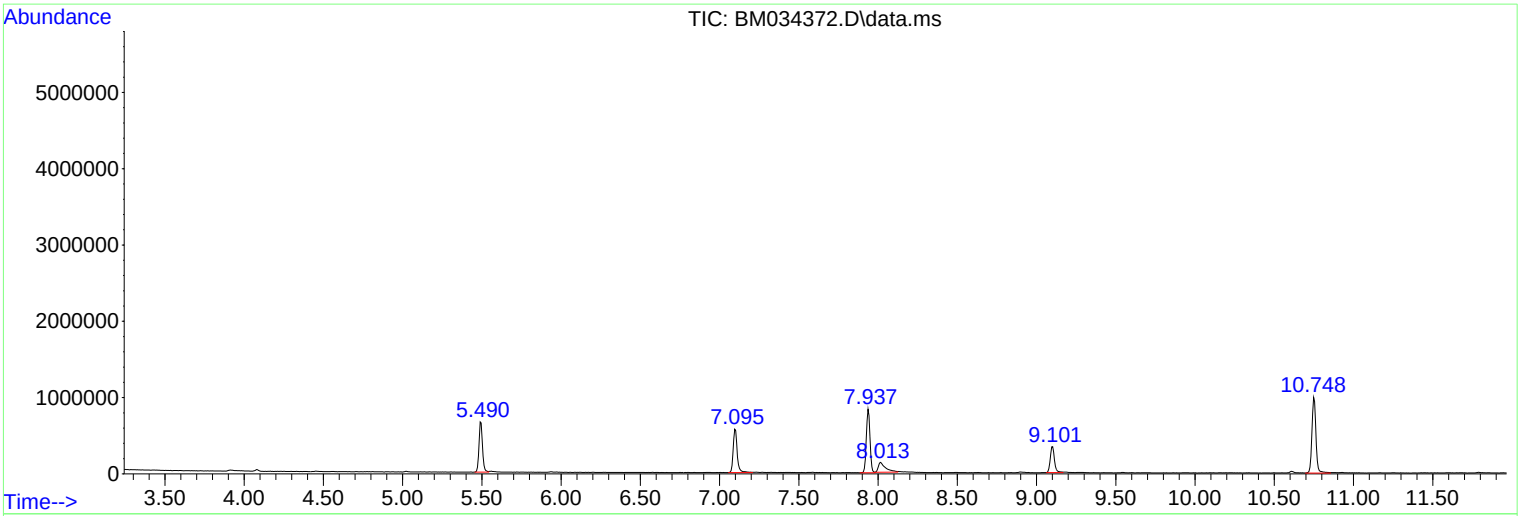
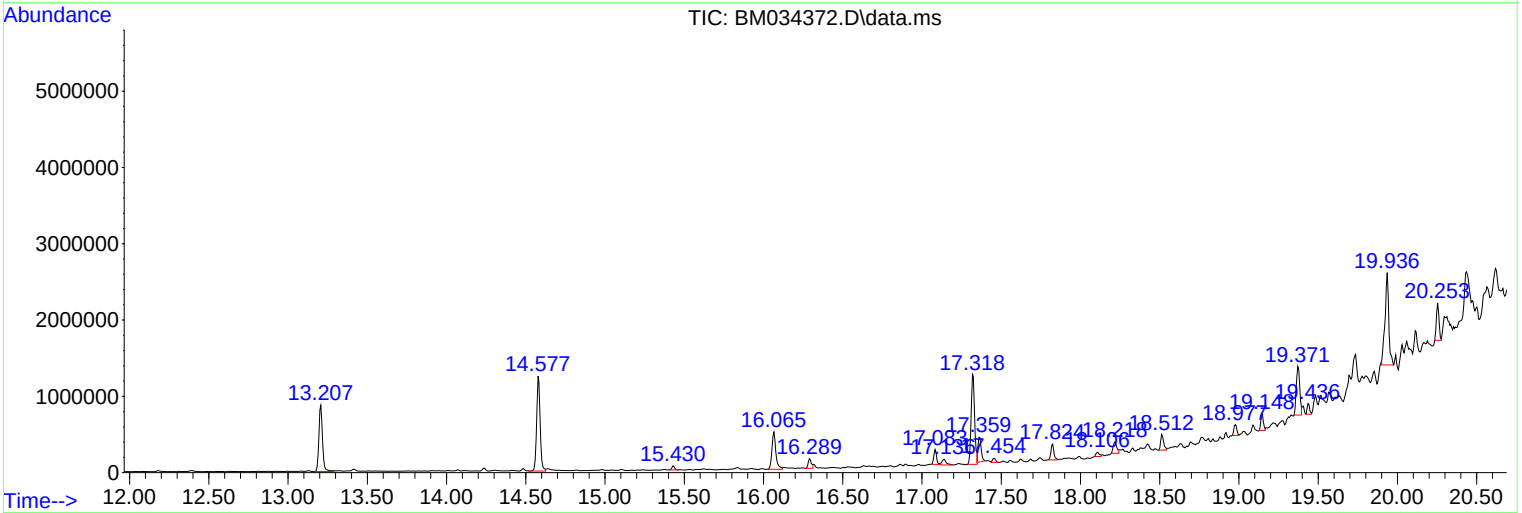
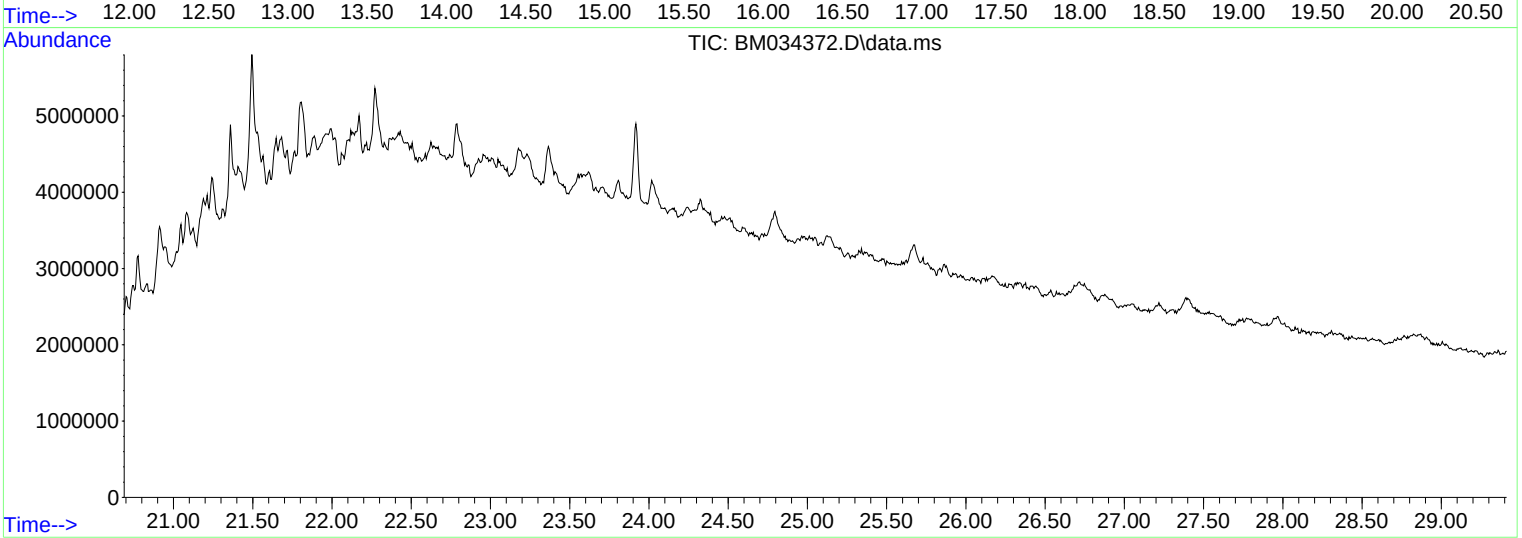
ClientSampleId :
WC-2-(Q4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P







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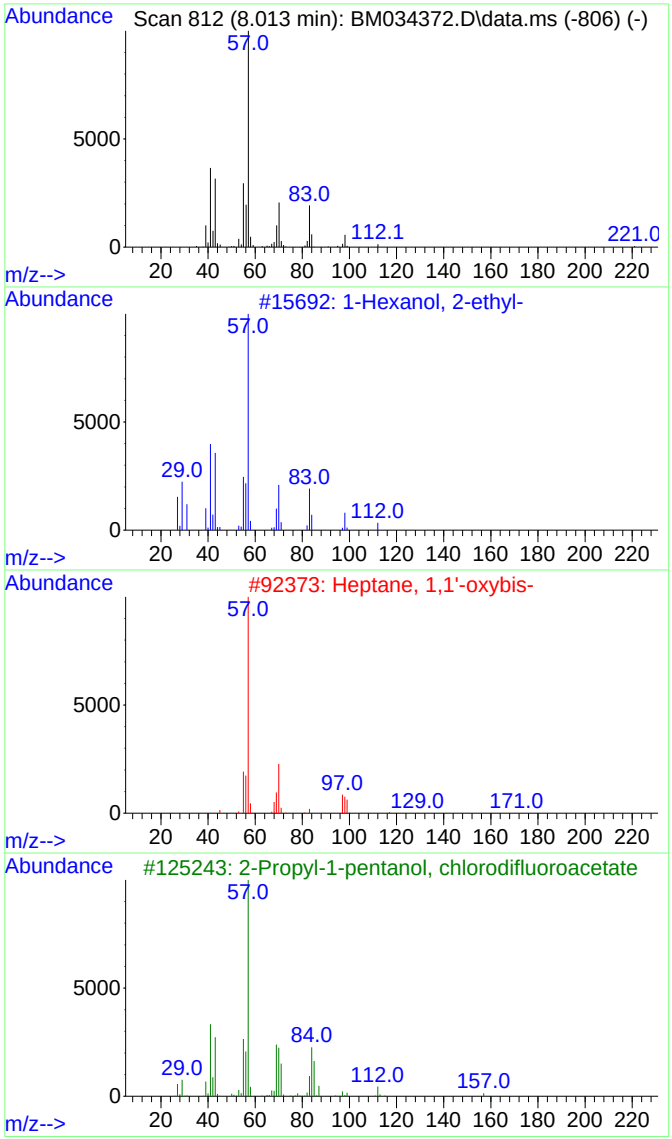
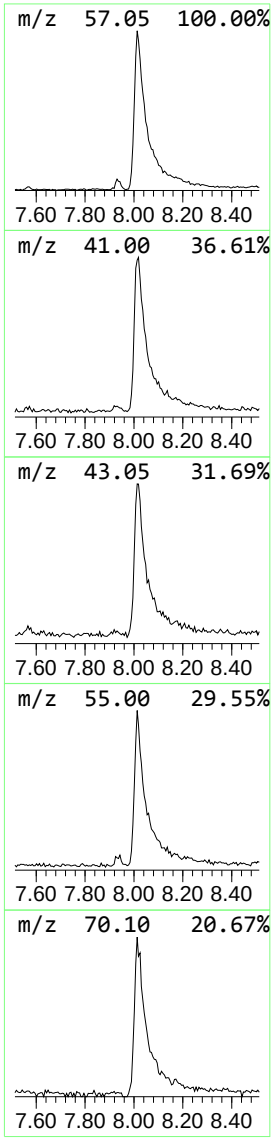
****

Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.013	6.29 ng	414462	1,4-Dichlorobenzene-d4	7.937

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	53
3	2-Propyl-1-pentanol, chlorodiflu...	242	C10H17ClF2O2	1000447-27-3	47
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	47
5	2-Ethylhexyl hydrogen maleate	228	C12H20O4	002370-71-0	45





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Operator : CG/JU
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
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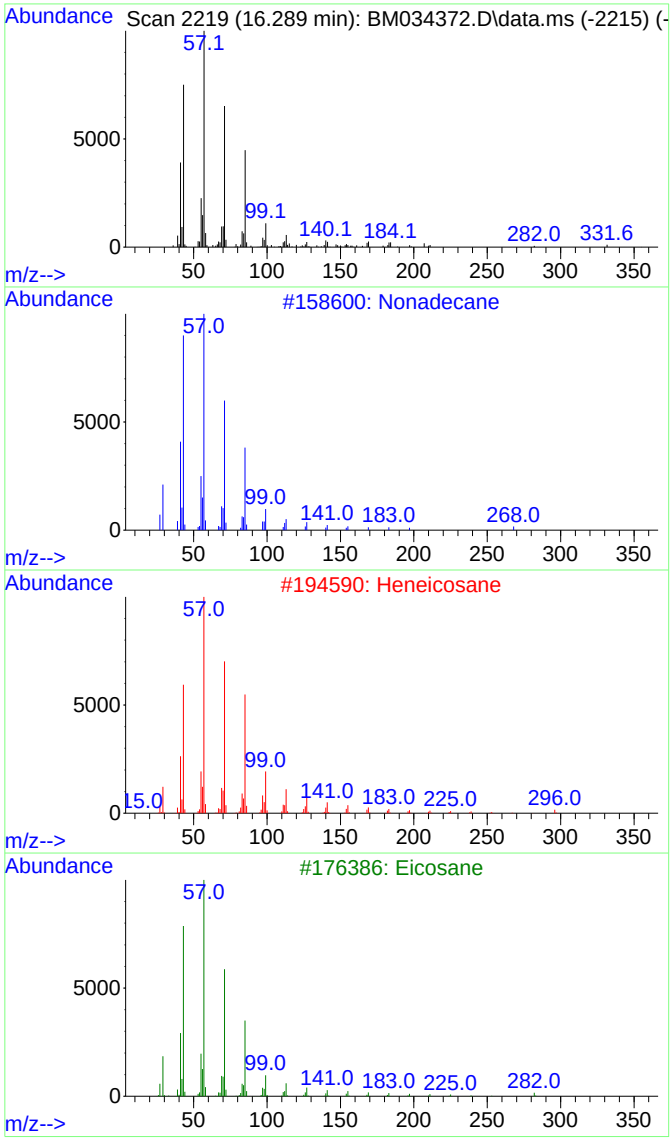
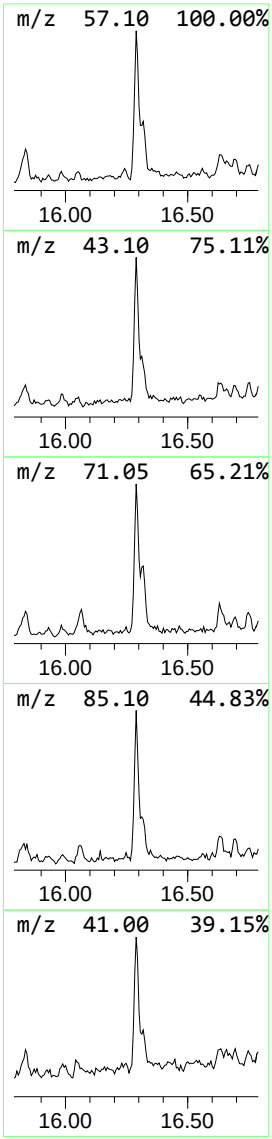
Peak Number 2 Nonadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.289	2.04 ng	186789	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Eicosane	282	C20H42	000112-95-8	87
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Heptadecane	240	C17H36	000629-78-7	86





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-2-(Q4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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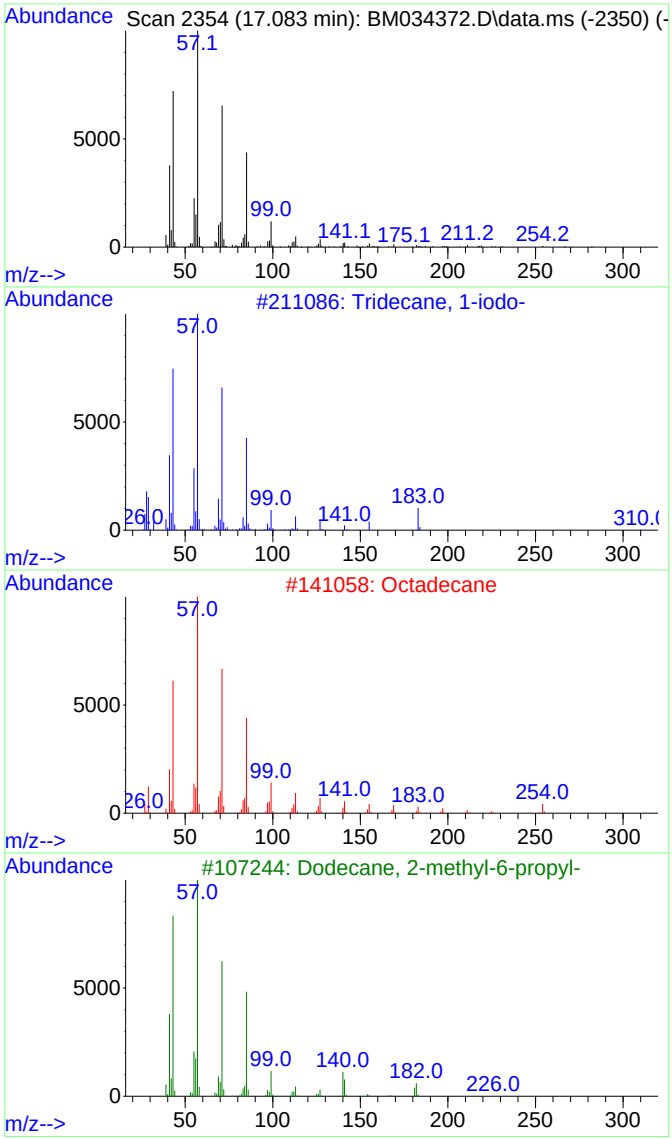
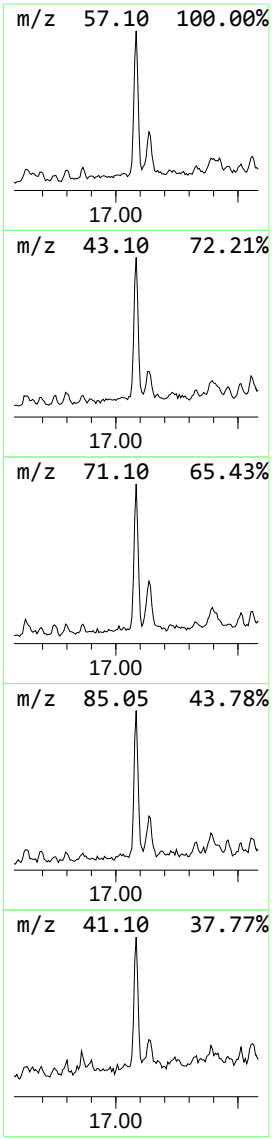
Peak Number 3 Tridecane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.083	2.53 ng	231953	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	Octadecane	254	C18H38	000593-45-3	89
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
5	Tridecane	184	C13H28	000629-50-5	86





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Acq On : 24 Mar 2022 21:04
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Sample : N2094-06 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-2-(Q4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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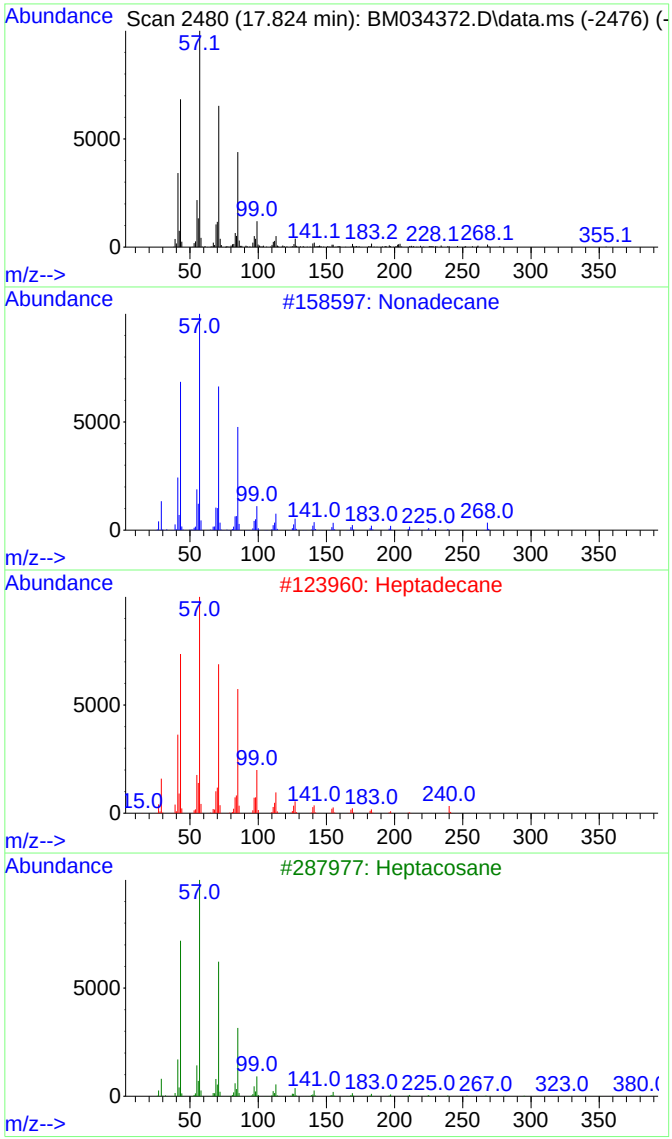
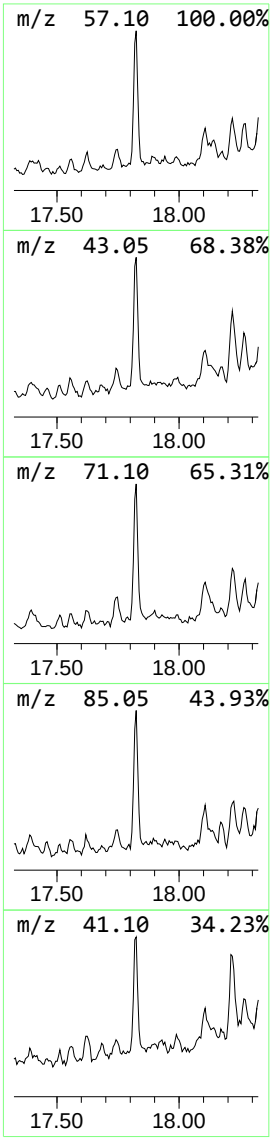
Peak Number 4 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.824	2.89 ng	265485	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	97
2	Heptadecane	240	C17H36	000629-78-7	94
3	Heptacosane	380	C27H56	000593-49-7	91
4	Pentadecane	212	C15H32	000629-62-9	91
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90





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Operator : CG/JU
Sample : N2094-06 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-2-(Q4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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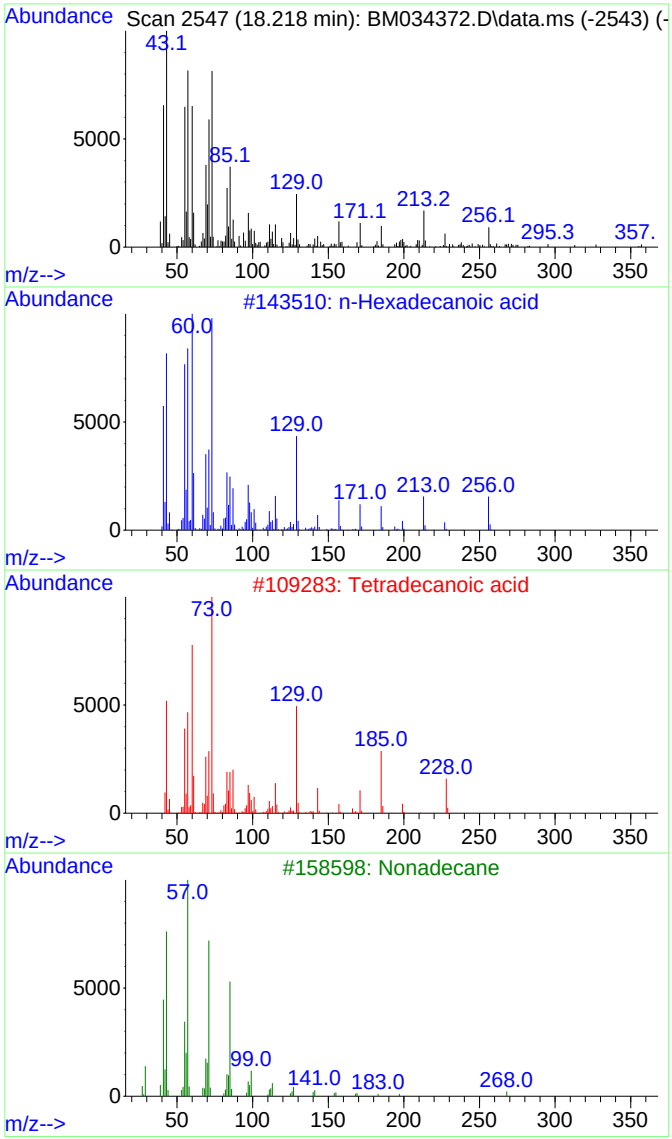
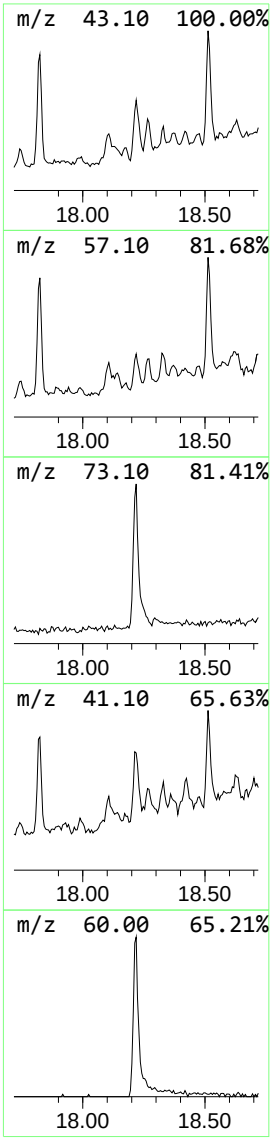
Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.218	2.61 ng	239484	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	78
3	Nonadecane	268	C19H40	000629-92-5	64
4	Tetradecane	198	C14H30	000629-59-4	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	55





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ClientSampleId :
WC-2-(Q4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
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TIC Library : C:\Database\NIST20.L
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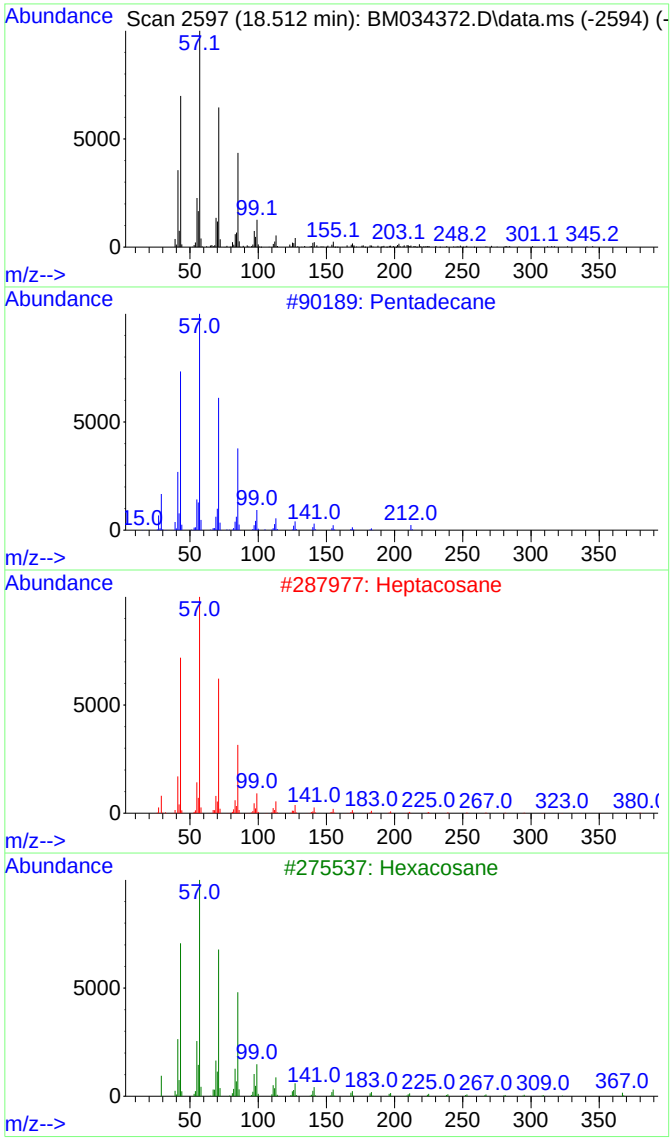
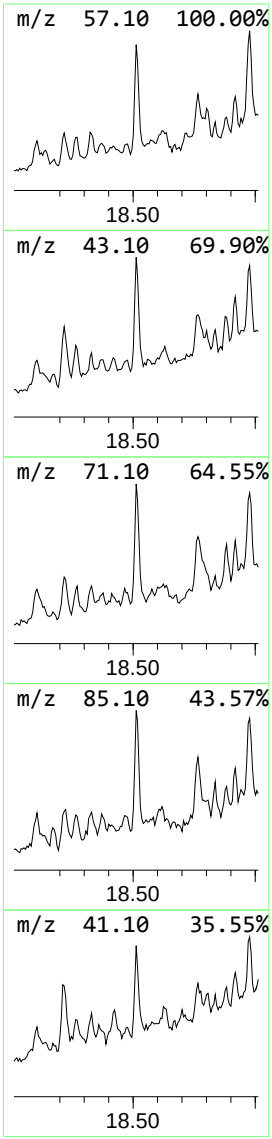
Peak Number 6 Pentadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.512	2.90 ng	265695	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Heptacosane	380	C27H56	000593-49-7	91
3	Hexacosane	366	C26H54	000630-01-3	90
4	Nonadecane	268	C19H40	000629-92-5	90
5	Tetracosane	338	C24H50	000646-31-1	90





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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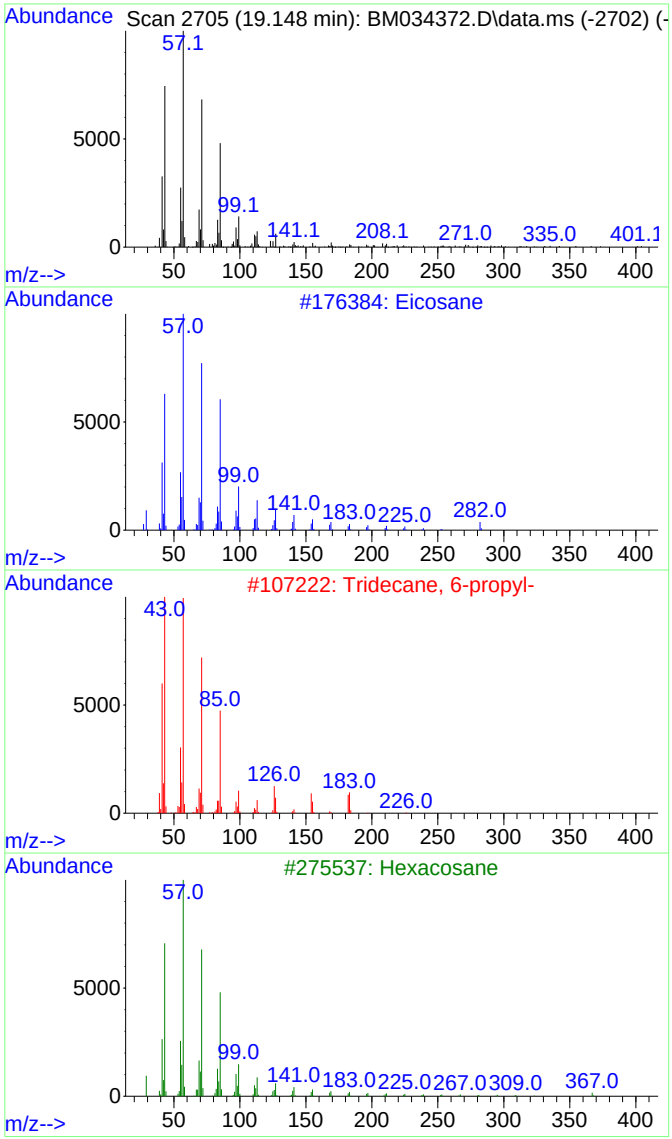
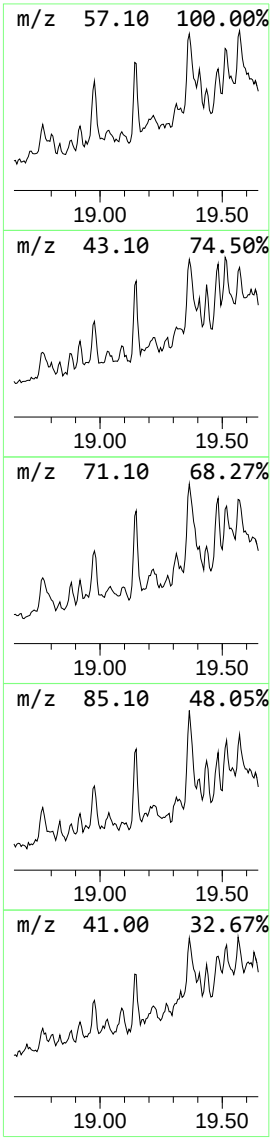
Peak Number 7 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.148	2.73 ng	250839	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	91
3	Hexacosane	366	C26H54	000630-01-3	91
4	Octacosane	394	C28H58	000630-02-4	90
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	87





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ClientSampleId :
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TIC Library : C:\Database\NIST20.L
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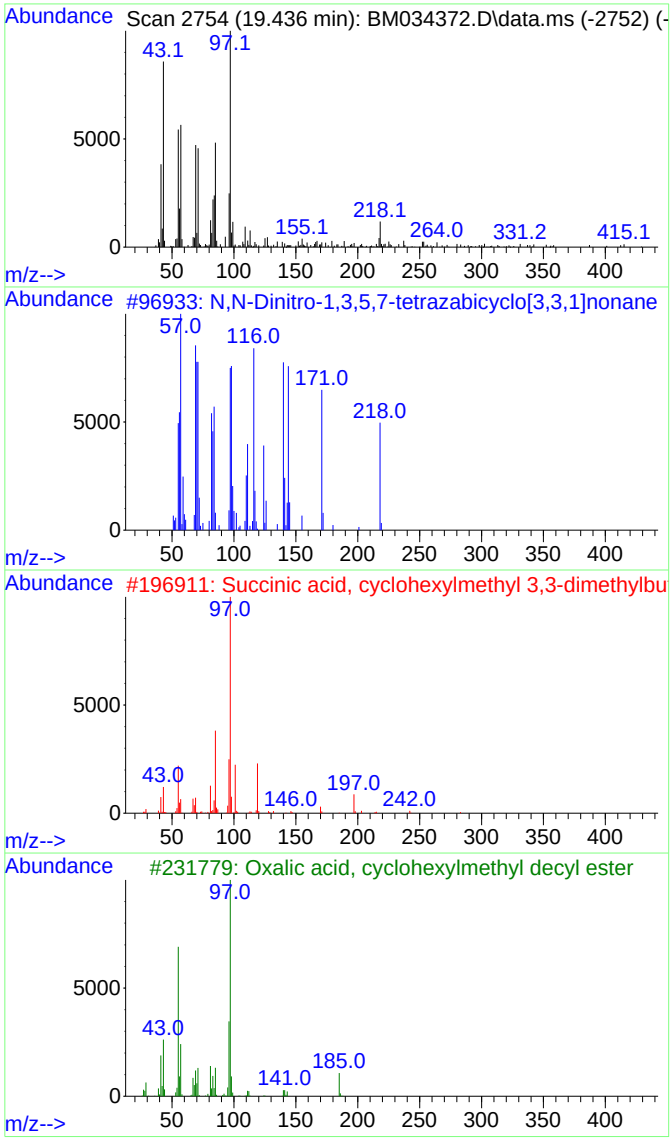
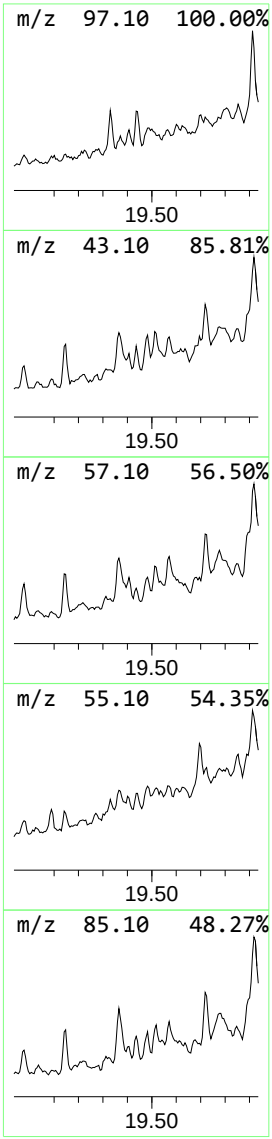
Peak Number 8 unknown19.436 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.436	5.43 ng	149732	Chrysene-d12	21.494

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N,N-Dinitro-1,3,5,7-tetrazabicyc...	218	C5H10N6O4	1010301-69-8	46
2	Succinic acid, cyclohexylmethyl ...	298	C17H30O4	1000390-62-6	43
3	Oxalic acid, cyclohexylmethyl de...	326	C19H34O4	1000309-68-7	38
4	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	38
5	3-Cyclopent-1-enyl-3-hydroxy-2-m...	170	C9H14O3	1000191-19-7	27





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Instrument :
BNA_M
ClientSampleId :
WC-2-(Q4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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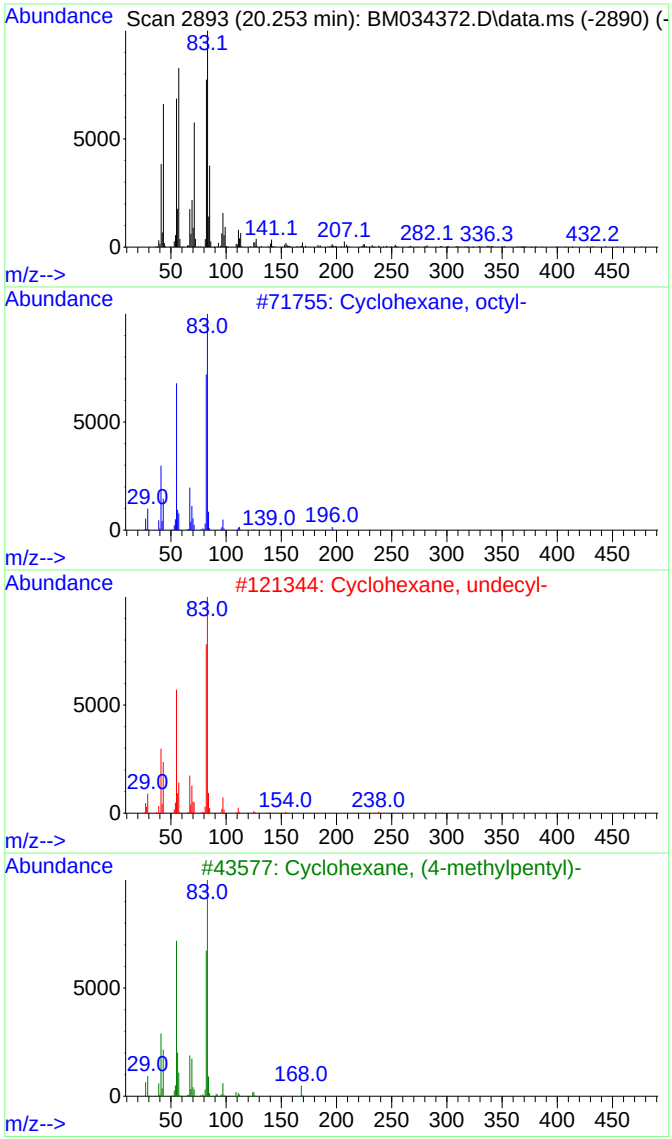
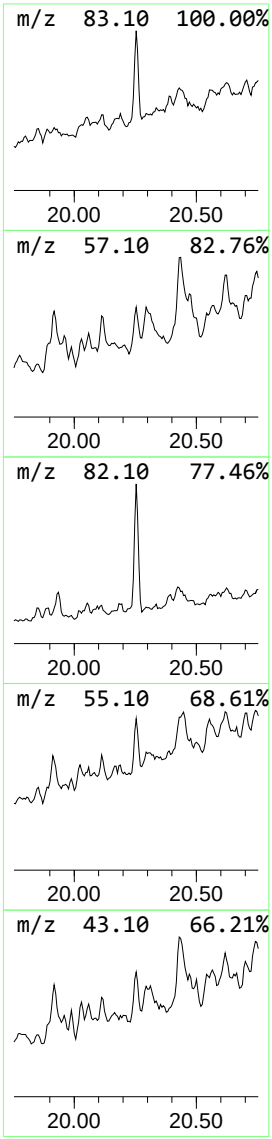
Peak Number 9 Cyclohexane, octyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.253	20.00 ng	551657	Chrysene-d12	21.494

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
2	Cyclohexane, undecyl-	238	C17H34	054105-66-7	58
3	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	52
4	Tritetracontane	605	C43H88	007098-21-7	38
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032422\
Data File : BM034372.D
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Sample : N2094-06 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-2-(Q4)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Hexanol, 2-et...	8.013	6.3	ng	414462	1	7.937	1317880	20.0
Nonadecane	16.289	2.0	ng	186789	4	17.318	1834940	20.0
Tridecane, 1-iodo-	17.083	2.5	ng	231953	4	17.318	1834940	20.0
Heptadecane	17.824	2.9	ng	265485	4	17.318	1834940	20.0
n-Hexadecanoic ...	18.218	2.6	ng	239484	4	17.318	1834940	20.0
Pentadecane	18.512	2.9	ng	265695	4	17.318	1834940	20.0
Eicosane	19.148	2.7	ng	250839	4	17.318	1834940	20.0
unknown19.436	19.436	5.4	ng	149732	5	21.494	551657	20.0
Cyclohexane, oc...	20.253	20.0	ng	551657	5	21.494	551657	20.0