LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082916\
Data File : BM007310.D
Acq On : 29 Aug 2016 15:37
Operator : UM/SJ
Sample : H4575-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA259

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\SOM02.2-EPA-BM082316.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	2.716	18	22	48	rVB	629289	1299139	5.84%	0.779%
2	2.987	63	68	89	rVB	215588	411526	1.85%	0.247%
3	4.345	294	299	318	rBV	1541502	2324039	10.44%	1.393%
4	4.934	393	399	410	rBV	205790	309512	1.39%	0.186%
5	6.986	737	748	760	rBV2	808411	1890697	8.49%	1.133%
6	7.134	767	773	780	rBV	241320	384243	1.73%	0.230%
7	7.328	800	806	818	rBV	338898	565237	2.54%	0.339%
8	7.798	877	886	895	rBV	360674	601921	2.70%	0.361%
9	8.492	994	1004	1015	rBV	466979	831102	3.73%	0.498%
10	8.951	1075	1082	1085	rBV	333555	569116	2.56%	0.341%
11	8.992	1085	1089	1097	rVB	614330	1013486	4.55%	0.608%
12	9.510	1169	1177	1186	rBV	1261713	2043945	9.18%	1.225%
13	9.669	1197	1204	1213	rBV	302797	500841	2.25%	0.300%
14	10.204	1286	1295	1307	rBV	494917	862196	3.87%	0.517%
15	10.580	1350	1359	1363	rBV	575121	1019071	4.58%	0.611%
16	10.633	1363	1368	1376	rVV	1526218	2584536	11.61%	1.549%
17	10.722	1376	1383	1394	rVV	442305	806725	3.62%	0.484%
18	12.245	1634	1642	1654	rBV	1706796	2730183	12.26%	1.637%
19	12.851	1738	1745	1758	rBV	2013091	3201859	14.38%	1.919%
20	13.257	1808	1814	1822	rBV	1915864	2892700	12.99%	1.734%
21	13.839	1906	1913	1917	rBV	1364907	2002977	9.00%	1.201%
22	13.880	1917	1920	1929	rVB	599263	838020	3.76%	0.502%
23	14.121	1955	1961	1963	rBV	1383936	2025925	9.10%	1.214%
24	14.151	1963	1966	1973	rVB	1261539	1797024	8.07%	1.077%
25	14.427	2004	2013	2021	rBV2	1076594	1664497	7.48%	0.998%
26	14.621	2040	2046	2063	rBV	651450	1091763	4.90%	0.654%
27	14.827	2074	2081	2088	rBV	2966708	4331545	19.46%	2.597%
28	15.251	2145	2153	2163	rBV	2739356	3732041	16.76%	2.237%
29	15.421	2175	2182	2189	rBV	2077465	3021077	13.57%	1.811%
30	15.539	2195	2202	2215	rBV	638684	932608	4.19%	0.559%
31	16.480	2355	2362	2370	rBV	2365680	3466888	15.57%	2.078%
32	16.821	2414	2420	2434	rBV	3085096	4421380	19.86%	2.650%
33	17.174	2469	2480	2485	rBV2	1666764	2484537	11.16%	1.489%
34	17.268	2490	2496	2499	rVV2	2680739	4086963	18.36%	2.450%

LSC Area Percent Report

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Data File : BM007310.D
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Operator : UM/SJ
Sample : H4575-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA259

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\SOM02.2-EPA-BM082316.M
Title : SVOA CALIBRATION

35	17.303	2499	2502	2515	rVB	4573816	6393707	28.72%	3.833%
36	17.580	2538	2549	2557	rBV	4742354	7177280	32.24%	4.302%
37	19.227	2820	2829	2836	rBV	5761811	8006838	35.96%	4.800%
38	19.562	2880	2886	2892	rBV	3997481	5391108	24.22%	3.232%
39	21.062	3136	3141	3151	rBV	305661	560081	2.52%	0.336%
40	21.268	3171	3176	3182	rBV	6920982	7611338	34.19%	4.563%
41	21.338	3182	3188	3199	rVB2	6566365	11994892	53.88%	7.190%
42	22.156	3321	3327	3333	rBV	6672751	8736838	39.24%	5.237%
43	22.538	3388	3392	3400	rVB	689778	915057	4.11%	0.549%
44	22.921	3453	3457	3463	rVB	174143	247244	1.11%	0.148%
45	23.480	3544	3552	3565	rBV2	3382996	6761721	30.37%	4.053%
46	23.621	3569	3576	3592	rVB	2185647	4345223	19.52%	2.605%
47	24.150	3661	3666	3676	rVB	267670	538250	2.42%	0.323%
48	24.909	3789	3795	3807	rVB	260115	580384	2.61%	0.348%
49	25.791	3939	3945	3953	rVB2	179707	433255	1.95%	0.260%
50	25.938	3955	3970	3990	rVB2	7025071	22263250	100.00%	13.346%
51	26.632	4074	4088	4102	rBV	3575395	11725549	52.67%	7.029%
52	26.826	4117	4121	4133	rVB5	146208	396692	1.78%	0.238%

Sum of corrected areas: 166818026

LSC Report - Integrated Chromatogram

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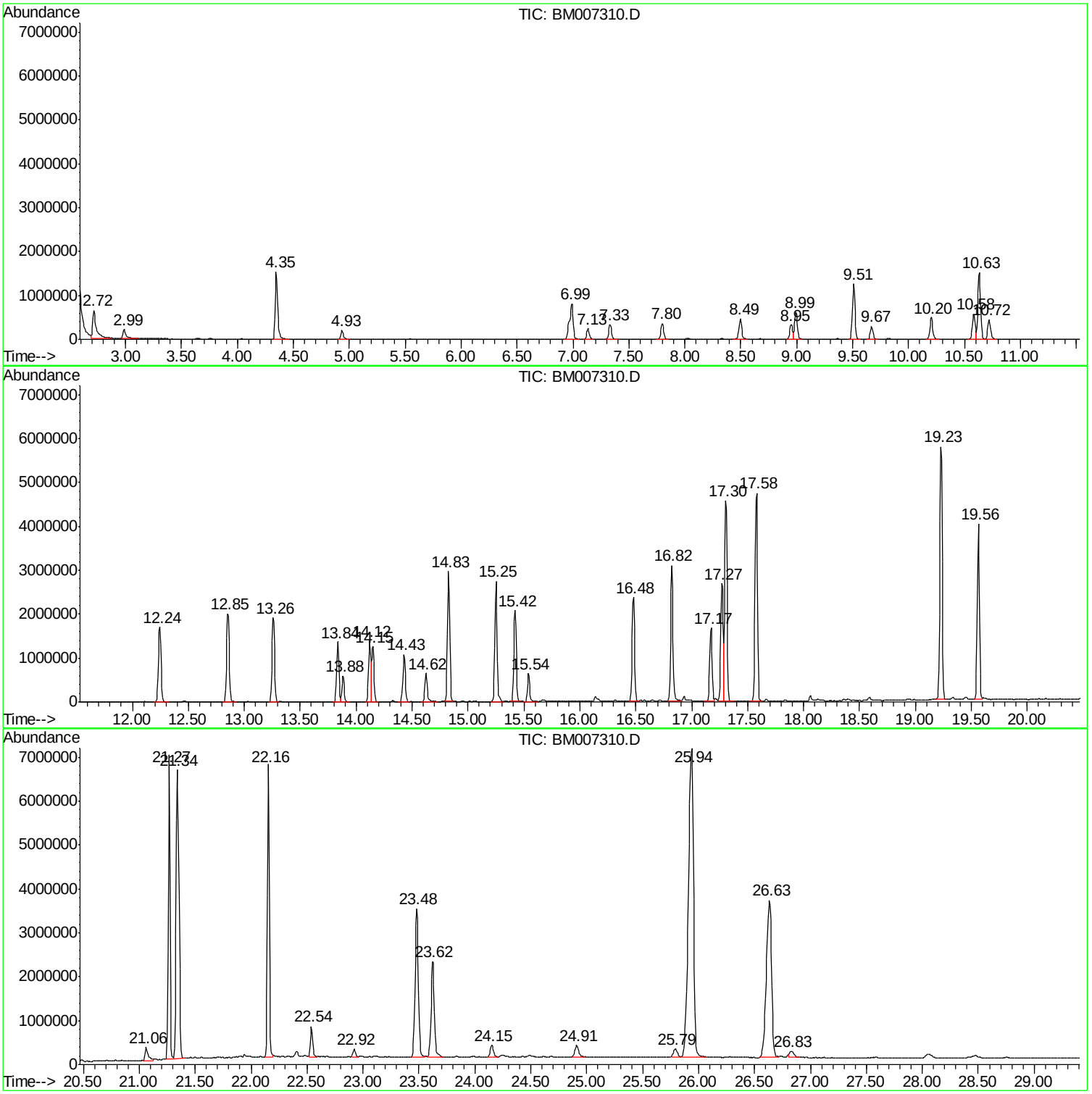
Data File : BM007310.D
Acq On : 29 Aug 2016 15:37
Operator : UM/SJ
Sample : H4575-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA259

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.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\BM082916\
Data File : BM007310.D
Acq On : 29 Aug 2016 15:37
Operator : UM/SJ
Sample : H4575-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA259

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

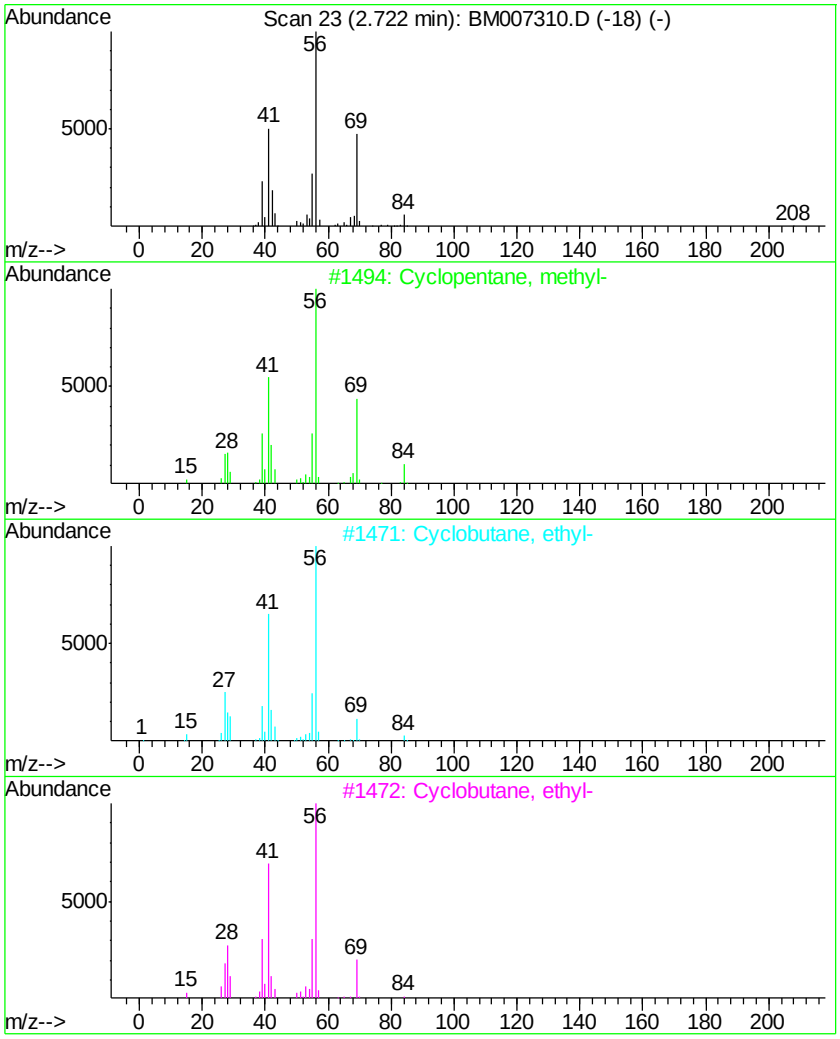
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

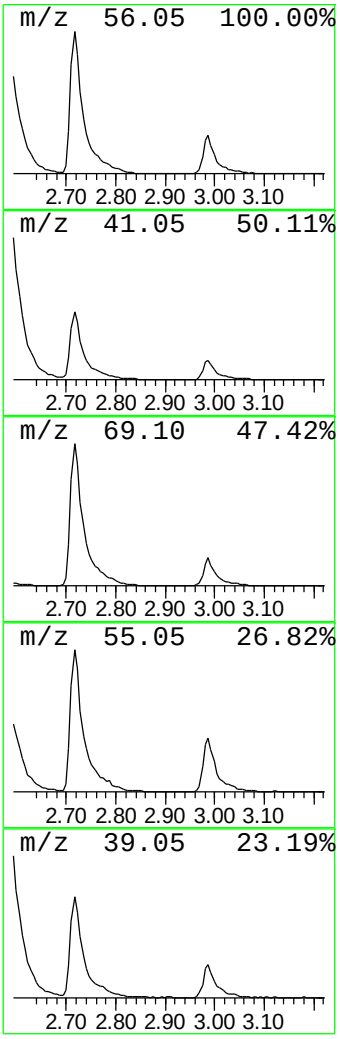
****

Peak Number 1 (DEL) Alkane: Cyclic2.72 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.72	43.17 ng/ul	1299140	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
5	Cyclobutane	56	C4H8	000287-23-0	53





Library Search Compound Report

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Data File : BM007310.D
Acq On : 29 Aug 2016 15:37
Operator : UM/SJ
Sample : H4575-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA259

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

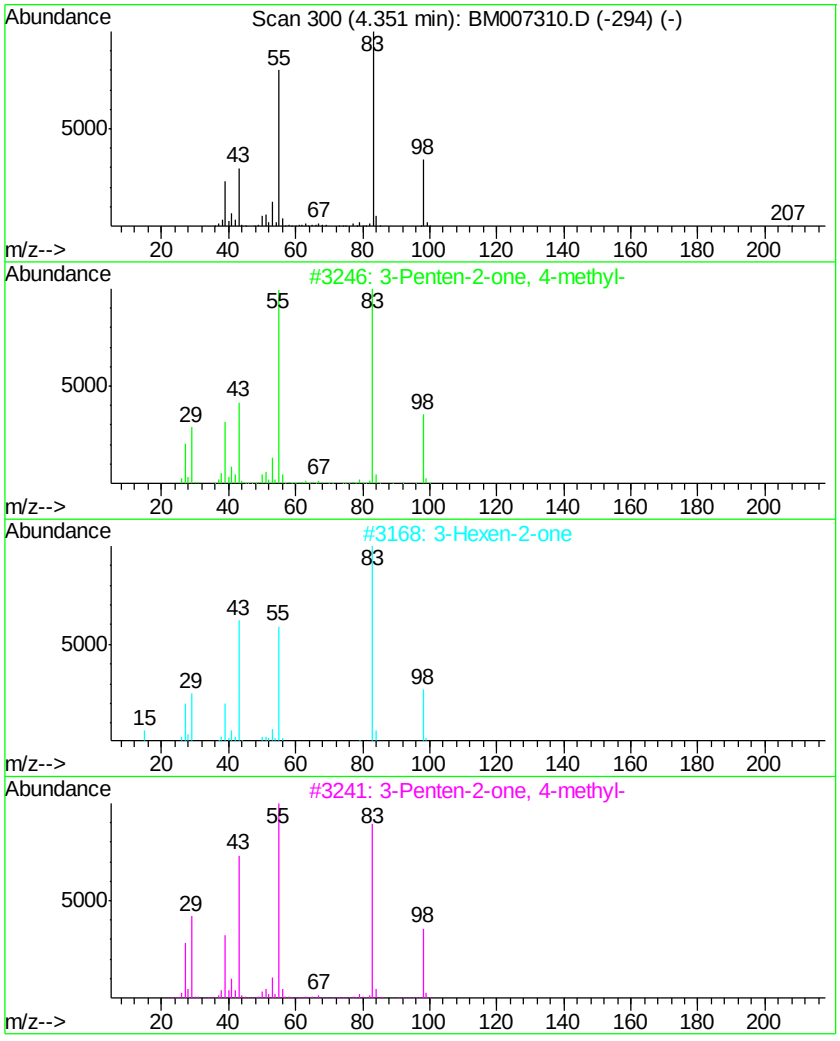
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

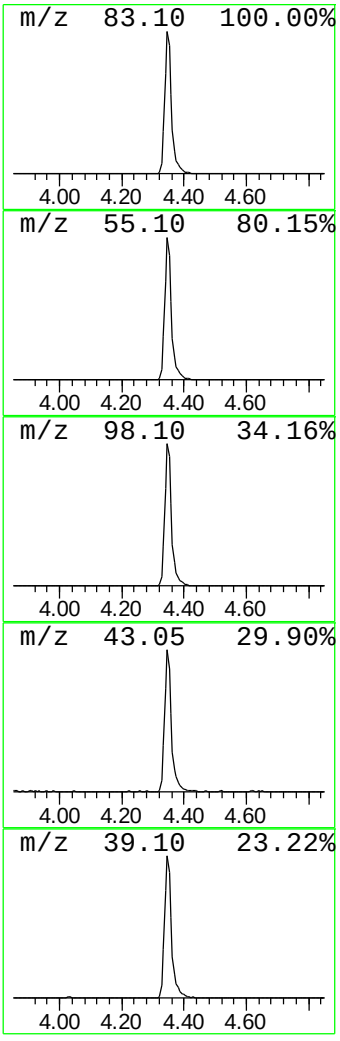
****

Peak Number 3 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	77.22 ng/ul	2324040	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
5	3-Hexen-2-one	98	C6H10O	000763-93-9	91





Library Search Compound Report

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Acq On : 29 Aug 2016 15:37
Operator : UM/SJ
Sample : H4575-20
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA259

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

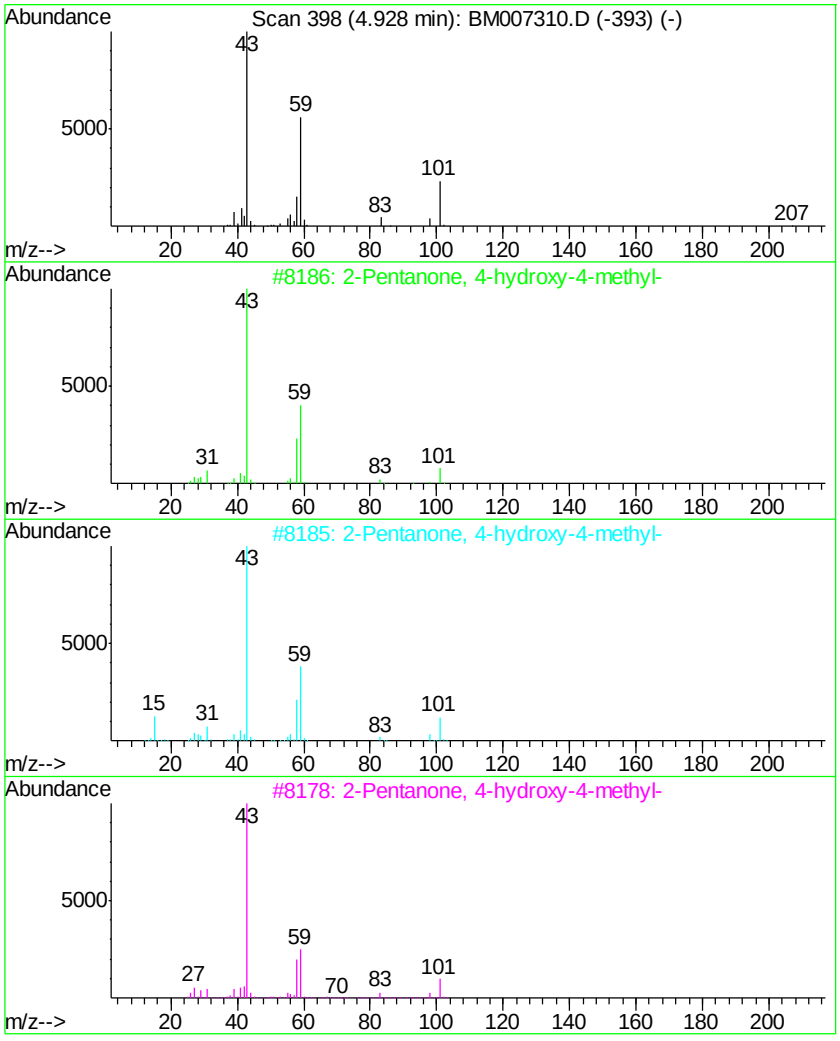
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

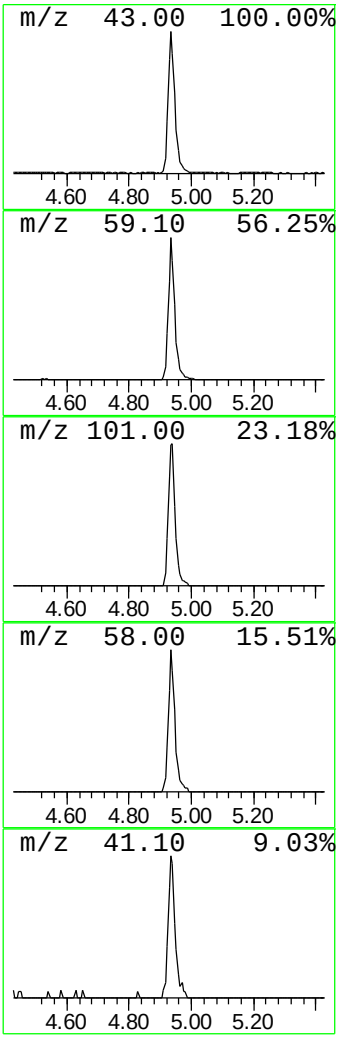
****

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	10.28 ng/ul	309512	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
4	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	33
5	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	28





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Instrument : BNA_M
ClientSampleId : DA259

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

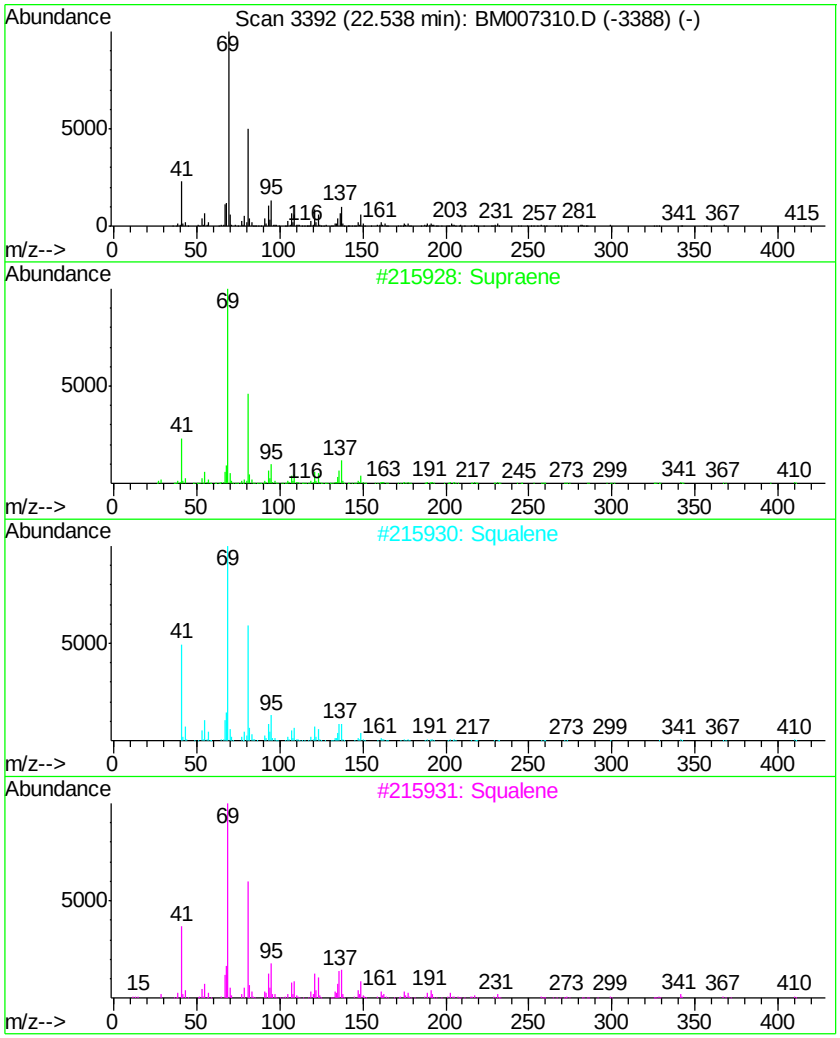
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

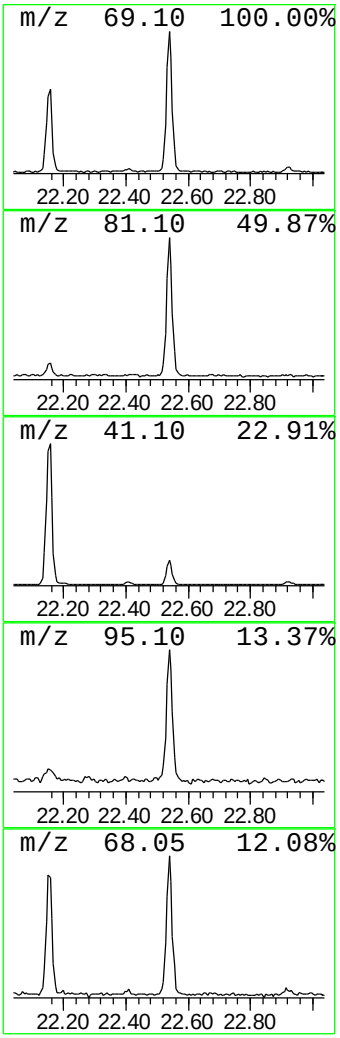
****

Peak Number 5 Supraene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	4.21 ng/ul	915057	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	91
3	Squalene	410	C30H50	000111-02-4	91
4	Squalene	410	C30H50	000111-02-4	91
5	Squalene	410	C30H50	000111-02-4	86





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Instrument : BNA_M
ClientSampleId : DA259

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

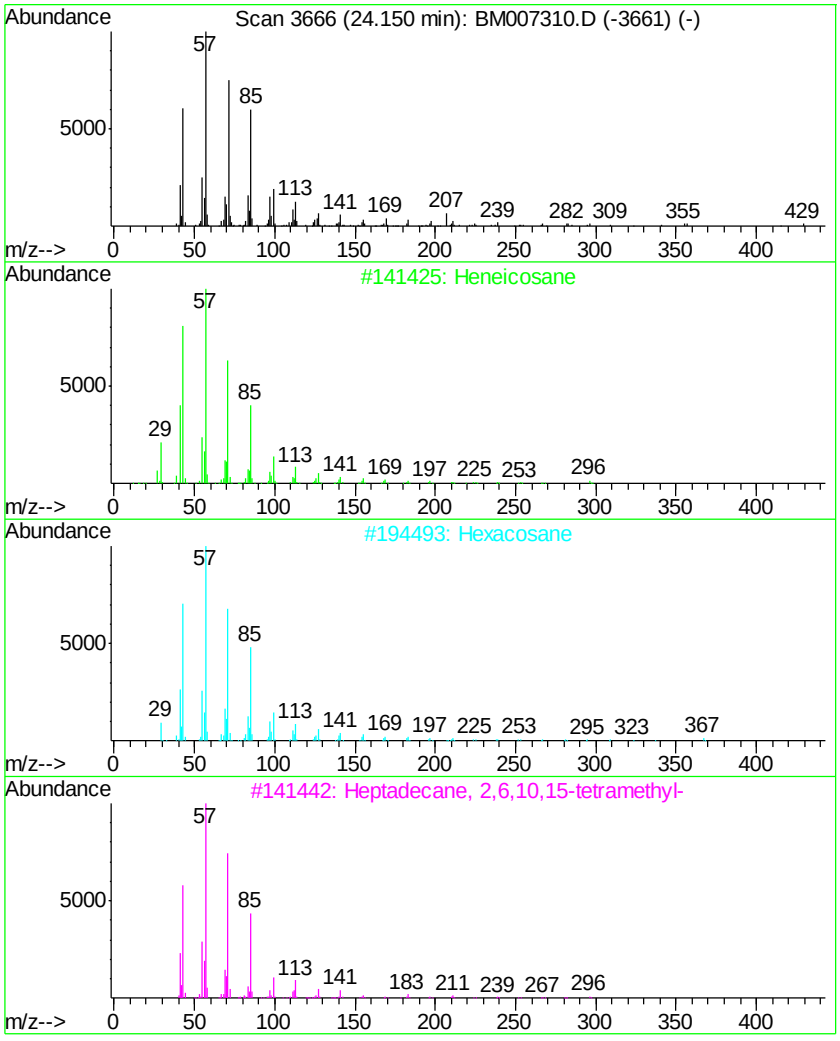
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

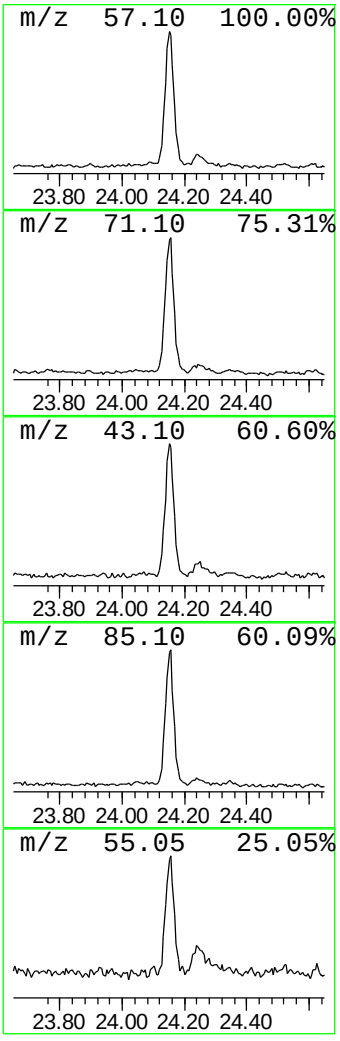
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.15	2.48 ng/ul	538250	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Heneicosane	296	C21H44	000629-94-7	91





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Misc :
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Instrument : BNA_M
ClientSampleId : DA259

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION

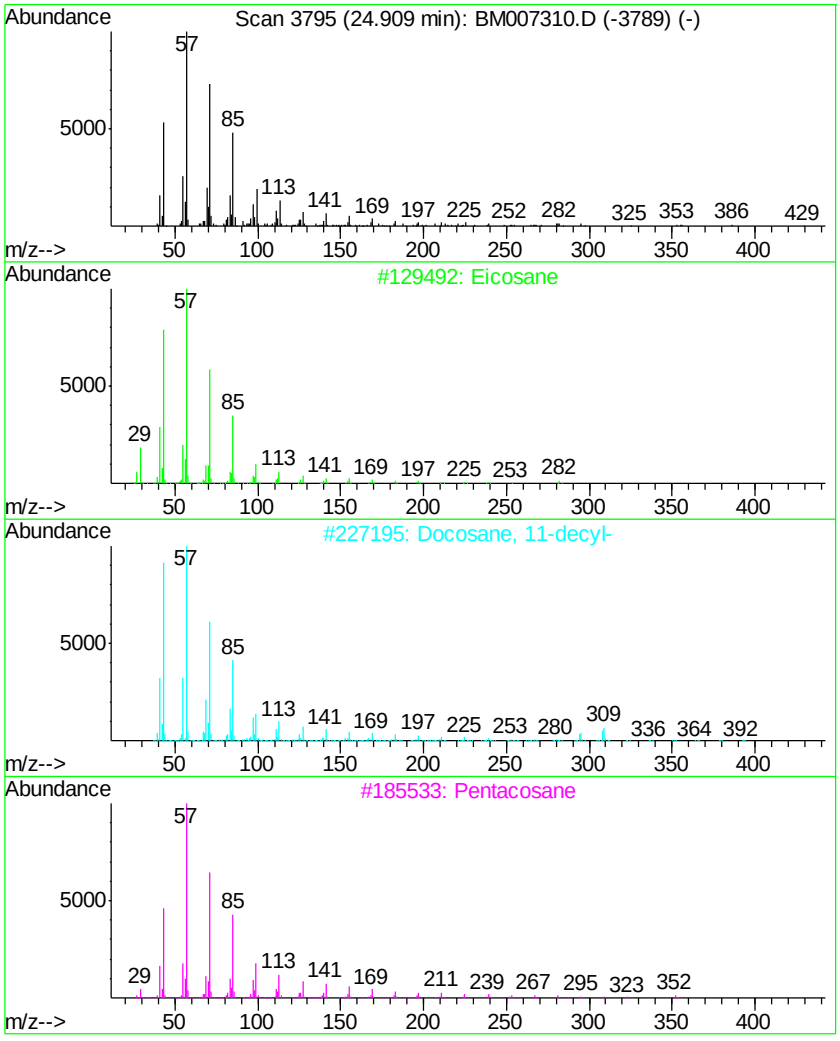
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

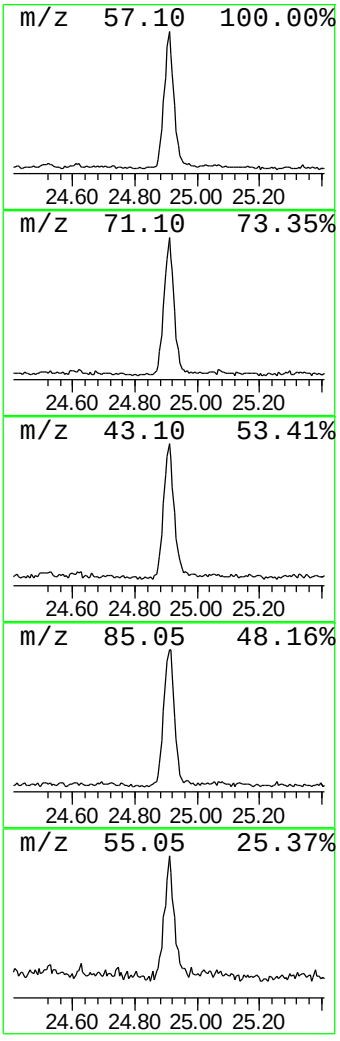
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.91	2.67 ng/ul	580384	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	96
2	Docosane, 11-decyl-	451	C32H66	055401-55-3	91
3	Pentacosane	352	C25H52	000629-99-2	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM082916\
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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
(DEL) Alkane: Cyc...	2.72	43.2	ng/ul	1299140	1	7.80	601921	20.0
3-Penten-2-one, 4...	4.35	77.2	ng/ul	2324040	1	7.80	601921	20.0
2-Pentanone, 4-hy...	4.93	10.3	ng/ul	309512	1	7.80	601921	20.0
Supraene	22.54	4.2	ng/ul	915057	6	23.62	4345220	20.0
(DEL) Alkane: Str...	24.15	2.5	ng/ul	538250	6	23.62	4345220	20.0
(DEL) Alkane: Str...	24.91	2.7	ng/ul	580384	6	23.62	4345220	20.0