LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091018\
Data File : BN002616.D
Acq On : 10 Sep 2018 11:07
Operator : JU/SJ
Sample : J4628-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3F2

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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.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	3.852	142	147	155	rVB	21699	40041	1.27%	0.099%
2	4.834	307	314	323	rVB2	17477	33339	1.05%	0.083%
3	6.846	650	656	671	rBV	441051	827346	26.18%	2.055%
4	7.005	677	683	692	rBV	375142	580621	18.37%	1.442%
5	7.199	710	716	726	rBV	457914	769479	24.35%	1.911%
6	7.664	787	795	804	rBV	774802	1247064	39.46%	3.098%
7	7.958	839	845	855	rVB5	27263	49322	1.56%	0.123%
8	8.369	907	915	930	rBV2	546432	953389	30.16%	2.368%
9	8.811	983	990	1001	rBV	478006	786607	24.89%	1.954%
10	9.528	1104	1112	1122	rBV	378971	652826	20.65%	1.622%
11	10.063	1197	1203	1221	rBV	556887	1016074	32.15%	2.524%
12	10.434	1258	1266	1275	rBV	1167946	1969801	62.32%	4.893%
13	10.575	1283	1290	1305	rBV	381023	707592	22.39%	1.758%
14	13.710	1816	1823	1827	rBV	1077842	1558019	49.29%	3.870%
15	13.757	1827	1831	1840	rVB	588537	836441	26.46%	2.078%
16	13.987	1863	1870	1880	rBV	1275297	1907727	60.36%	4.739%
17	14.293	1916	1922	1931	rBV2	1733497	2675737	84.66%	6.647%
18	14.528	1956	1962	1968	rBV	225384	475395	15.04%	1.181%
19	15.293	2086	2092	2101	rVB	1663540	2355729	74.53%	5.852%
20	15.428	2110	2115	2125	rBV	454158	641047	20.28%	1.592%
21	16.022	2211	2216	2224	rBV3	32397	52272	1.65%	0.130%
22	16.816	2347	2351	2357	rBV3	22688	37711	1.19%	0.094%
23	17.045	2382	2390	2397	rBV	2177319	3160620	100.00%	7.851%
24	17.140	2400	2406	2416	rVB2	1705989	2505432	79.27%	6.224%
25	17.951	2538	2544	2552	rBV	119785	209869	6.64%	0.521%
26	18.339	2605	2610	2615	rBV3	35288	58532	1.85%	0.145%
27	18.516	2636	2640	2643	rBV4	24302	35877	1.14%	0.089%
28	18.551	2643	2646	2650	rVB3	41960	52954	1.68%	0.132%
29	18.669	2661	2666	2670	rVB	104518	140490	4.45%	0.349%
30	18.881	2695	2702	2709	rBV8	18344	38449	1.22%	0.096%
31	19.081	2732	2736	2740	rBV2	22209	31723	1.00%	0.079%
32	19.233	2755	2762	2764	rBV5	18705	32120	1.02%	0.080%
33	19.445	2792	2798	2804	rBV	2086970	2826730	89.44%	7.022%
34	19.616	2823	2827	2829	rBV2	33749	40837	1.29%	0.101%

LSC Area Percent Report

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Data File : BN002616.D
Acq On : 10 Sep 2018 11:07
Operator : JU/SJ
Sample : J4628-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3F2

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:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Title : SVOA CALIBRATION

35	19.892	2871	2874	2878	rBV	51671	62700	1.98%	0.156%
36	20.004	2890	2893	2897	rVB2	34389	37605	1.19%	0.093%
37	20.433	2962	2966	2971	rVB	124552	167904	5.31%	0.417%
38	20.498	2974	2977	2980	rVB2	41623	49801	1.58%	0.124%
39	20.969	3053	3057	3058	rBV	76498	86724	2.74%	0.215%
40	21.004	3058	3063	3074	rVB3	115539	364732	11.54%	0.906%
41	21.163	3087	3090	3095	rVB	174703	204804	6.48%	0.509%
42	21.245	3098	3104	3111	rBV	2361073	3056052	96.69%	7.591%
43	21.404	3128	3131	3135	rVB	80173	80346	2.54%	0.200%
44	21.563	3155	3158	3162	rVB3	66613	78471	2.48%	0.195%
45	21.833	3201	3204	3209	rVB	121663	129623	4.10%	0.322%
46	22.292	3278	3282	3290	rVB	134822	186584	5.90%	0.463%
47	22.792	3362	3367	3372	rBV	183846	268797	8.50%	0.668%
48	23.322	3450	3457	3472	rVB	1077504	2252240	71.26%	5.595%
49	23.463	3474	3481	3489	rVV	1298052	2380906	75.33%	5.914%
50	23.974	3563	3568	3578	rVB	195161	381779	12.08%	0.948%
51	24.704	3689	3692	3698	rVB2	118246	222143	7.03%	0.552%
52	25.868	3883	3890	3903	rVB3	346852	938288	29.69%	2.331%

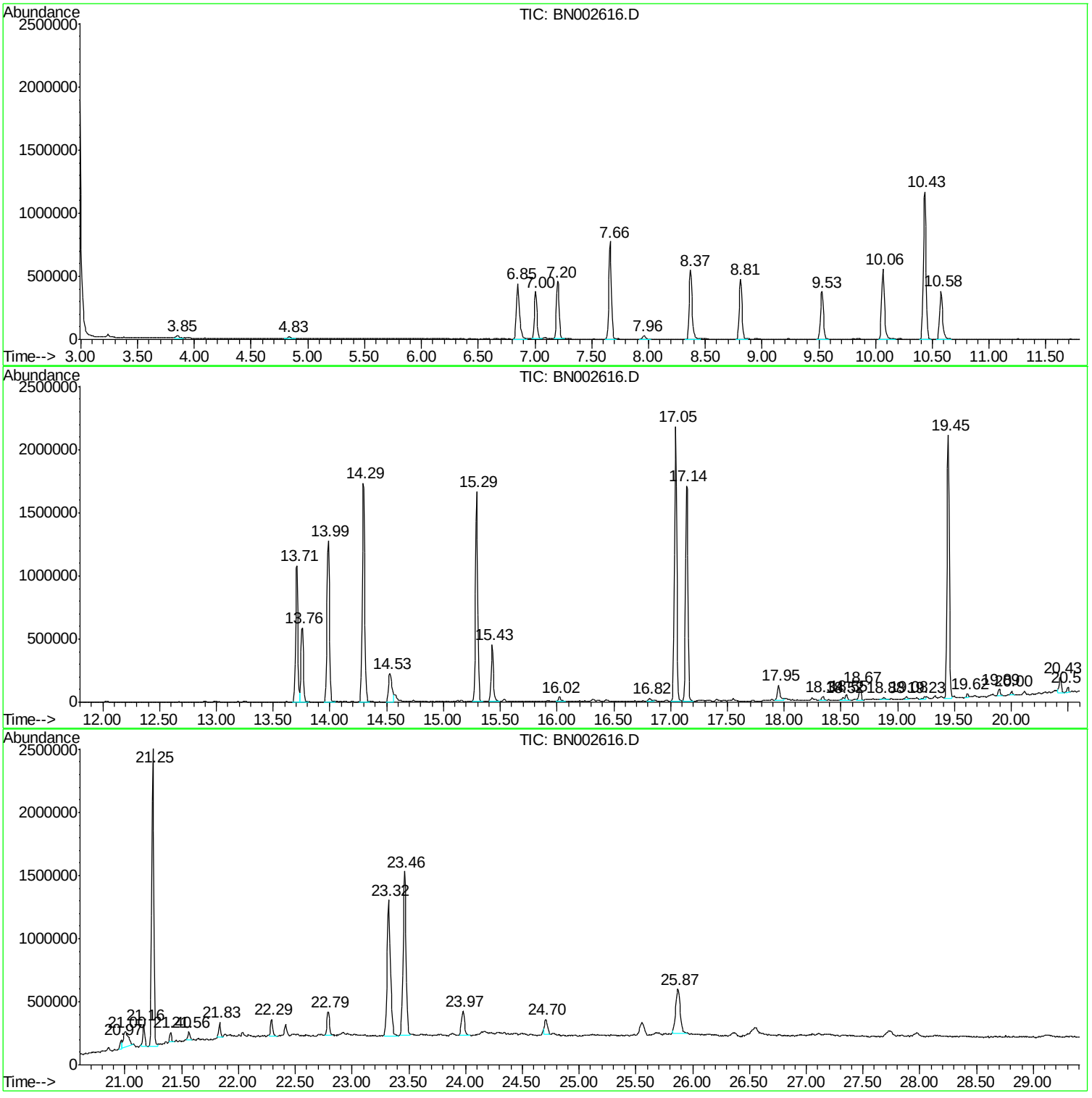
Sum of corrected areas: 40256711

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091018\
Data File : BN002616.D
Acq On : 10 Sep 2018 11:07
Operator : JU/SJ
Sample : J4628-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DB3F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091018\
Data File : BN002616.D
Acq On : 10 Sep 2018 11:07
Operator : JU/SJ
Sample : J4628-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

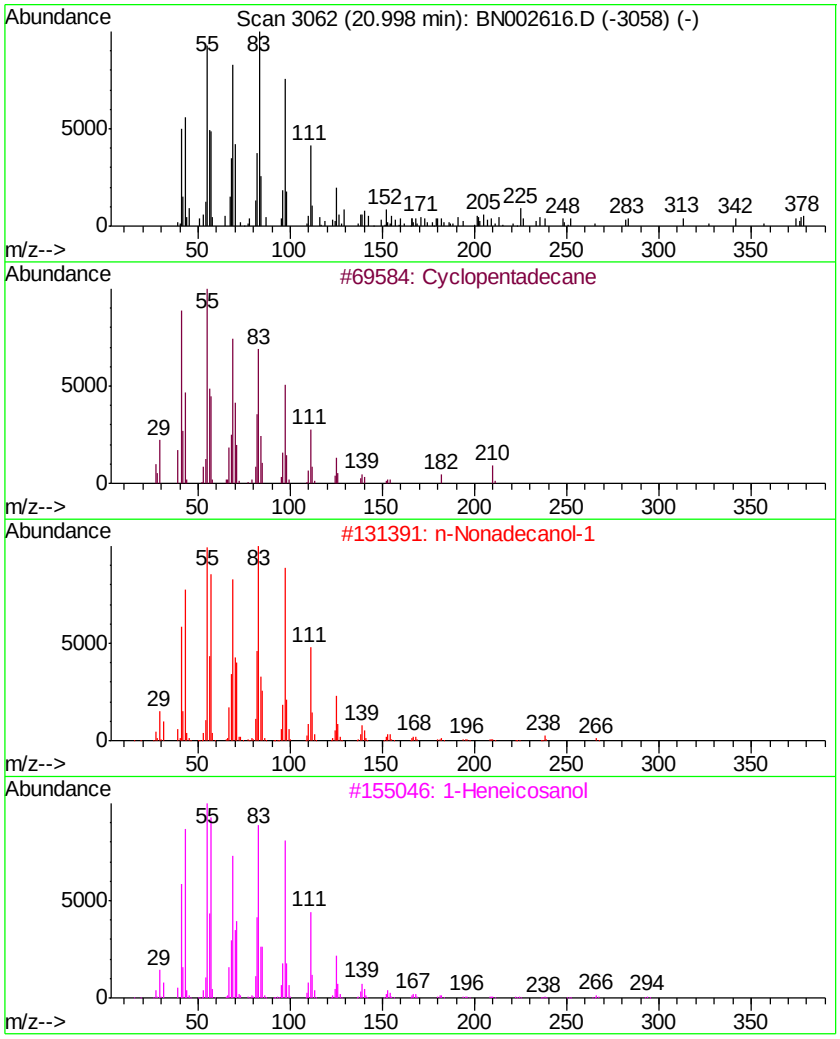
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

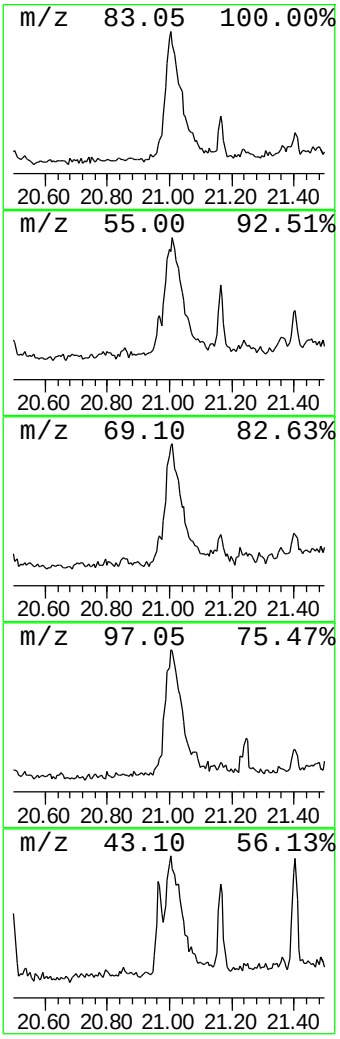
****

Peak Number 1 (DEL) Alkane: Cyclic21.00 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.39 ng/ul	364732	Chrysene-d12	21.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	93
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
3	1-Heneicosanol	312	C21H44O	015594-90-8	86
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	80
5	1-Octadecanol, methyl ether	284	C19H40O	1000333-92-7	58





Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091018\
Data File : BN002616.D
Acq On : 10 Sep 2018 11:07
Operator : JU/SJ
Sample : J4628-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

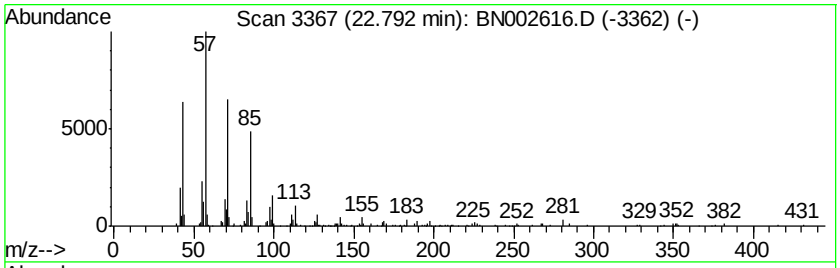
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

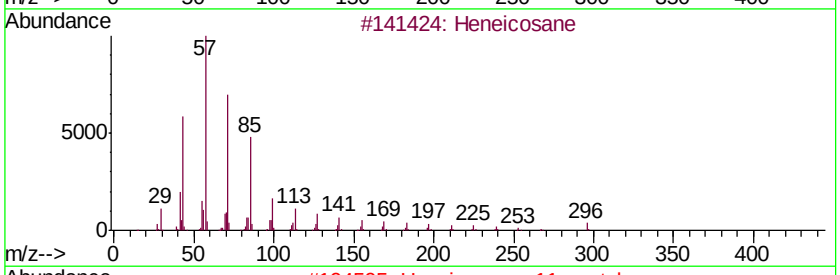
****

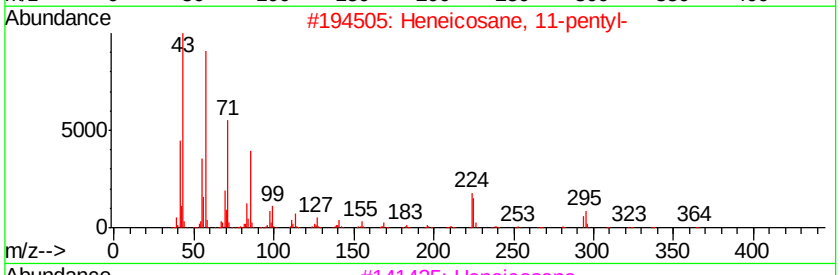
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 4

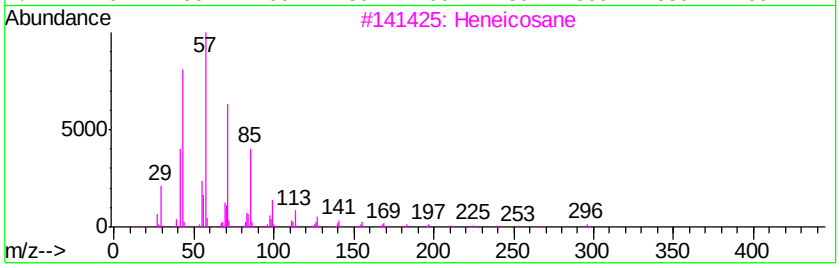
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.79	2.26 ng/ul	268797	Perylene-d12	23.46

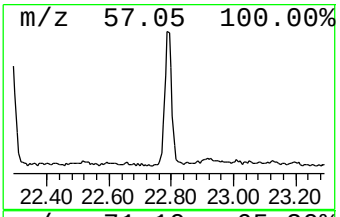
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	93
3	Heneicosane	296	C21H44	000629-94-7	92
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
5	Hexacosane	366	C26H54	000630-01-3	90

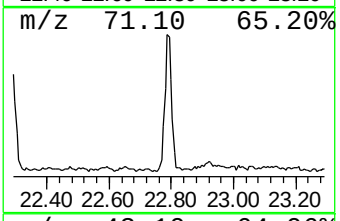


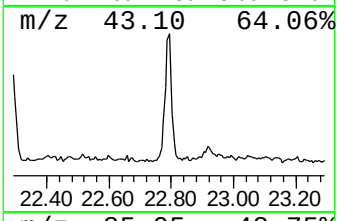


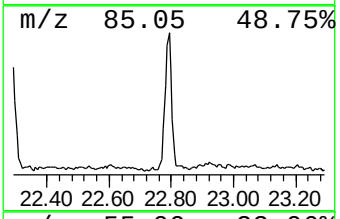


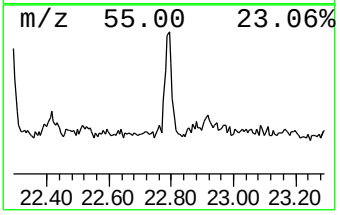












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091018\
Data File : BN002616.D
Acq On : 10 Sep 2018 11:07
Operator : JU/SJ
Sample : J4628-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

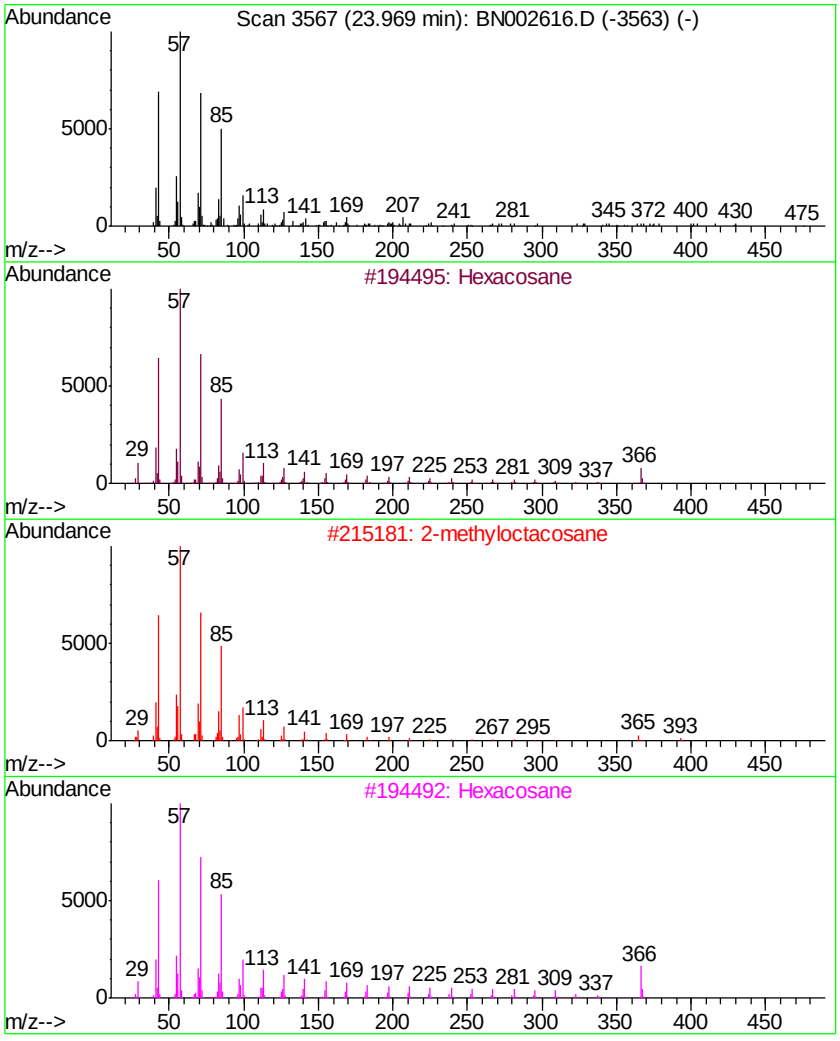
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

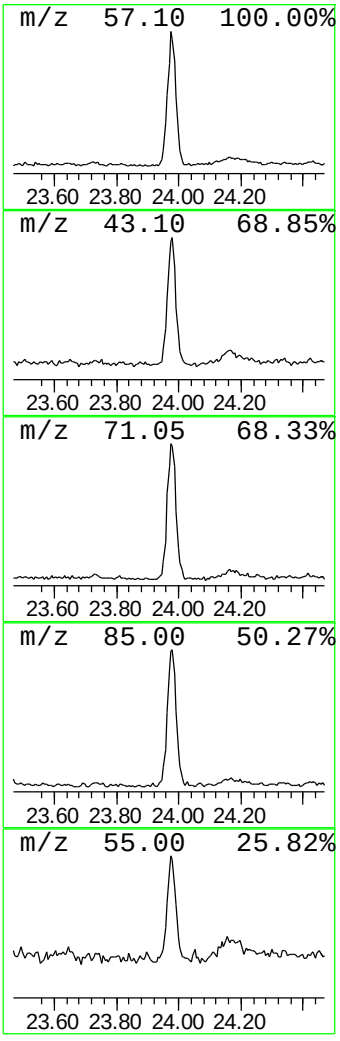
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	3.21 ng/ul	381779	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	90
3	Hexacosane	366	C26H54	000630-01-3	90
4	Tetracosane	338	C24H50	000646-31-1	90
5	Octacosane	394	C28H58	000630-02-4	90





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Operator : JU/SJ
Sample : J4628-05
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION

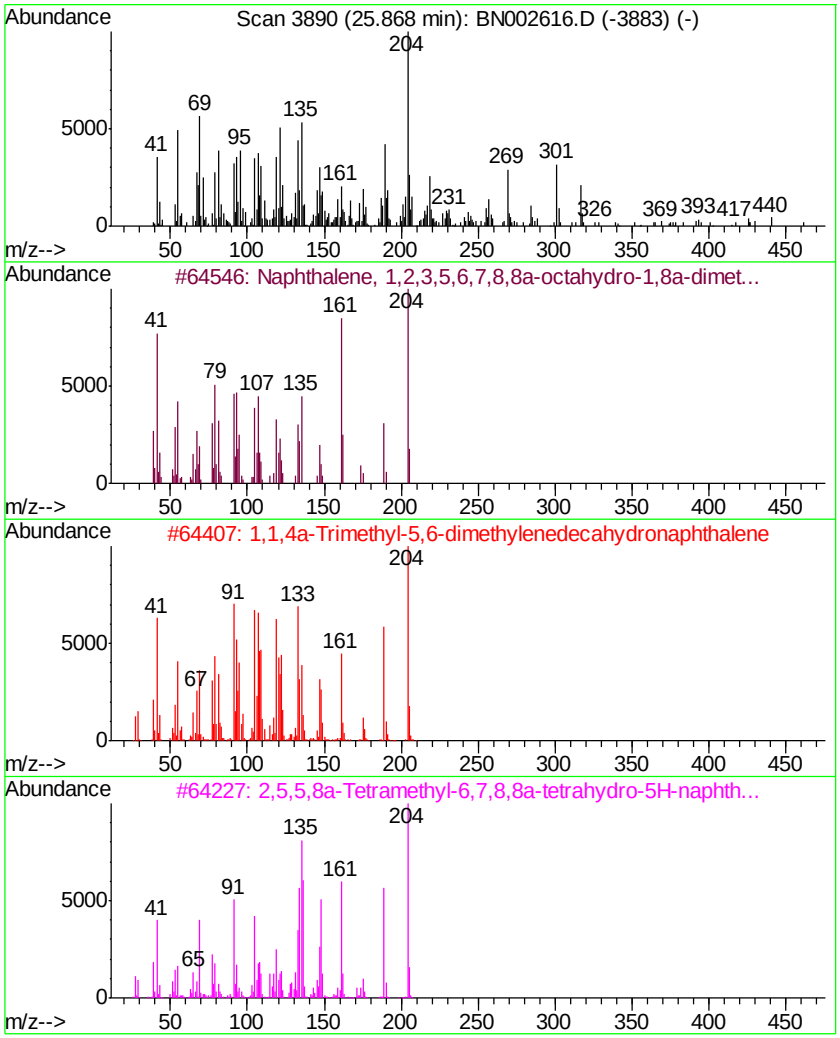
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

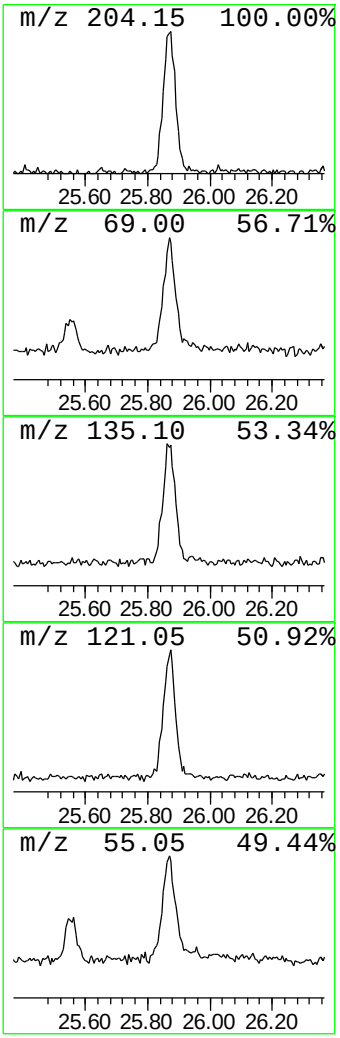
****

Peak Number 4 Naphthalene, 1,2,3,5,6,7,8,... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.87	7.88 ng/ul	938288	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	59
2	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	52
3	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	49
4	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	46
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091018\
Data File : BN002616.D
Acq On : 10 Sep 2018 11:07
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DB3F2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.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
(DEL) Alkane: Cyc...	21.00	2.4	ng/ul	364732	5	21.25	3056050	20.0
(DEL) Alkane: Str...	22.79	2.3	ng/ul	268797	6	23.46	2380910	20.0
(DEL) Alkane: Str...	23.97	3.2	ng/ul	381779	6	23.46	2380910	20.0
Naphthalene, 1,2,...	25.87	7.9	ng/ul	938288	6	23.46	2380910	20.0