LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023687.D
Acq On : 13 Nov 2019 05:13
Operator : JU
Sample : K5579-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_M\METHODS\SOM-EPA-BM111119MA.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	3.069	28	31	40	rVB	117566	182162	1.04%	0.109%
2	3.705	135	139	143	rVB2	21049	34617	0.20%	0.021%
3	3.781	149	152	158	rVB	22408	36493	0.21%	0.022%
4	6.234	565	569	576	rBV8	13832	28161	0.16%	0.017%
5	6.734	647	654	670	rVB2	501769	975515	5.58%	0.582%
6	6.887	674	680	699	rVB	1496513	2397419	13.72%	1.431%
7	7.081	706	713	722	rBV	1658000	2635750	15.09%	1.573%
8	7.540	784	791	802	rBV	2240396	3518397	20.14%	2.100%
9	7.622	802	805	810	rVB3	20453	28407	0.16%	0.017%
10	8.257	907	913	923	rBV	1508239	2433355	13.93%	1.453%
11	8.692	980	987	997	rBV	1988792	3213021	18.39%	1.918%
12	9.151	1061	1065	1069	rVB	34289	47465	0.27%	0.028%
13	9.410	1099	1109	1120	rBV	1720849	2804053	16.05%	1.674%
14	9.834	1175	1181	1191	rBV	34557	70205	0.40%	0.042%
15	9.951	1193	1201	1216	rBV	2710084	4640358	26.56%	2.770%
16	10.316	1255	1263	1271	rBV	3614277	5907714	33.81%	3.527%
17	10.463	1280	1288	1298	rBV	201312	371641	2.13%	0.222%
18	10.975	1369	1375	1384	rVB7	11646	26628	0.15%	0.016%
19	11.145	1397	1404	1407	rBV7	9335	18005	0.10%	0.011%
20	11.298	1425	1430	1439	rBV7	16032	46484	0.27%	0.028%
21	11.845	1518	1523	1530	rBV2	17144	32248	0.18%	0.019%
22	11.916	1530	1535	1544	rVB2	50762	90923	0.52%	0.054%
23	12.686	1661	1666	1671	rVB5	17092	29795	0.17%	0.018%
24	13.033	1721	1725	1731	rVB8	10054	18139	0.10%	0.011%
25	13.186	1748	1751	1757	rVB3	12135	17887	0.10%	0.011%
26	13.622	1818	1825	1829	rBV	5844783	7992374	45.75%	4.771%
27	13.663	1829	1832	1839	rVV	283640	405933	2.32%	0.242%
28	13.751	1843	1847	1854	rVB8	10853	19478	0.11%	0.012%
29	13.886	1862	1870	1885	rBV	6547686	9637870	55.16%	5.753%
30	14.010	1887	1891	1897	rVB2	21721	40186	0.23%	0.024%
31	14.127	1907	1911	1916	rBV4	16333	23292	0.13%	0.014%
32	14.198	1916	1923	1935	rBV	6493839	9432792	53.99%	5.631%
33	14.422	1954	1961	1974	rBV	537763	1003135	5.74%	0.599%
34	14.639	1990	1998	2004	rBV7	59426	122757	0.70%	0.073%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023687.D
Acq On : 13 Nov 2019 05:13
Operator : JU
Sample : K5579-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_M\METHODS\SOM-EPA-BM111119MA.M
Title : SVOA CALIBRATION

35	14.751	2011	2017	2026	rBV3	30999	96846	0.55%	0.058%
36	14.963	2049	2053	2058	rBV4	12252	19117	0.11%	0.011%
37	15.039	2060	2066	2070	rVV2	28487	56168	0.32%	0.034%
38	15.080	2070	2073	2077	rVB3	25047	33406	0.19%	0.020%
39	15.198	2086	2093	2104	rBV	8895600	12510799	71.61%	7.468%
40	15.327	2109	2115	2128	rBV	2654744	3657487	20.93%	2.183%
41	15.439	2129	2134	2140	rVB2	103297	161733	0.93%	0.097%
42	15.821	2195	2199	2202	rVB4	10590	17505	0.10%	0.010%
43	15.904	2209	2213	2217	rVB6	16820	27157	0.16%	0.016%
44	15.945	2217	2220	2223	rBV2	28037	36851	0.21%	0.022%
45	15.980	2223	2226	2230	rVB5	38902	53323	0.31%	0.032%
46	16.627	2333	2336	2341	rVB6	19684	28195	0.16%	0.017%
47	16.733	2350	2354	2359	rBV2	59758	83715	0.48%	0.050%
48	16.827	2367	2370	2375	rBV3	26006	31389	0.18%	0.019%
49	16.880	2375	2379	2381	rBV5	15706	20554	0.12%	0.012%
50	16.951	2384	2391	2400	rBV	8003776	11549221	66.10%	6.894%
51	17.045	2401	2407	2421	rVV	10489838	14764578	84.51%	8.814%
52	17.157	2422	2426	2430	rVB4	51197	66107	0.38%	0.039%
53	17.474	2477	2480	2485	rVB2	32018	37831	0.22%	0.023%
54	17.557	2490	2494	2498	rBV2	27469	37079	0.21%	0.022%
55	17.645	2504	2509	2516	rVB3	40523	72723	0.42%	0.043%
56	17.874	2543	2548	2555	rBV	764751	1081821	6.19%	0.646%
57	17.933	2555	2558	2564	rVB	131967	194532	1.11%	0.116%
58	18.174	2595	2599	2604	rBV4	90716	133659	0.77%	0.080%
59	18.809	2703	2707	2713	rBV	112366	134488	0.77%	0.080%
60	18.980	2731	2736	2740	rBV	144413	228500	1.31%	0.136%
61	19.162	2763	2767	2774	rBV	284773	406903	2.33%	0.243%
62	19.233	2776	2779	2784	rVB	124048	180084	1.03%	0.108%
63	19.351	2793	2799	2804	rBV2	13061353	17471052	100.00%	10.429%
64	19.398	2804	2807	2810	rVV	195182	197587	1.13%	0.118%
65	19.433	2810	2813	2818	rVB2	143457	160323	0.92%	0.096%
66	19.898	2889	2892	2894	rBV3	66682	79903	0.46%	0.048%
67	19.933	2894	2898	2902	rVB	363985	384923	2.20%	0.230%
68	20.427	2979	2982	2986	rVB	563391	645038	3.69%	0.385%
69	20.886	3056	3060	3067	rBV2	2550571	3448712	19.74%	2.059%
70	21.092	3092	3095	3098	rBV	199784	233101	1.33%	0.139%
71	21.150	3099	3105	3114	rVV	8662063	11137600	63.75%	6.649%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023687.D
Acq On : 13 Nov 2019 05:13
Operator : JU
Sample : K5579-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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_M\METHODS\SOM-EPA-BM111119MA.M
Title : SVOA CALIBRATION

72	21.333	3132	3136	3140	rBV	1196097	1304461	7.47%	0.779%
73	21.756	3204	3208	3216	rBV	1330035	1581429	9.05%	0.944%
74	22.203	3280	3284	3290	rBV	1141913	1462560	8.37%	0.873%
75	22.692	3363	3367	3372	rBV	1001826	1314842	7.53%	0.785%
76	23.174	3442	3449	3455	rBV	7418374	12822597	73.39%	7.654%
77	23.239	3456	3460	3465	rVV	815058	1387672	7.94%	0.828%
78	23.309	3466	3472	3483	rVB2	5018604	9106435	52.12%	5.436%
79	23.856	3562	3565	3573	rVB	483192	775250	4.44%	0.463%

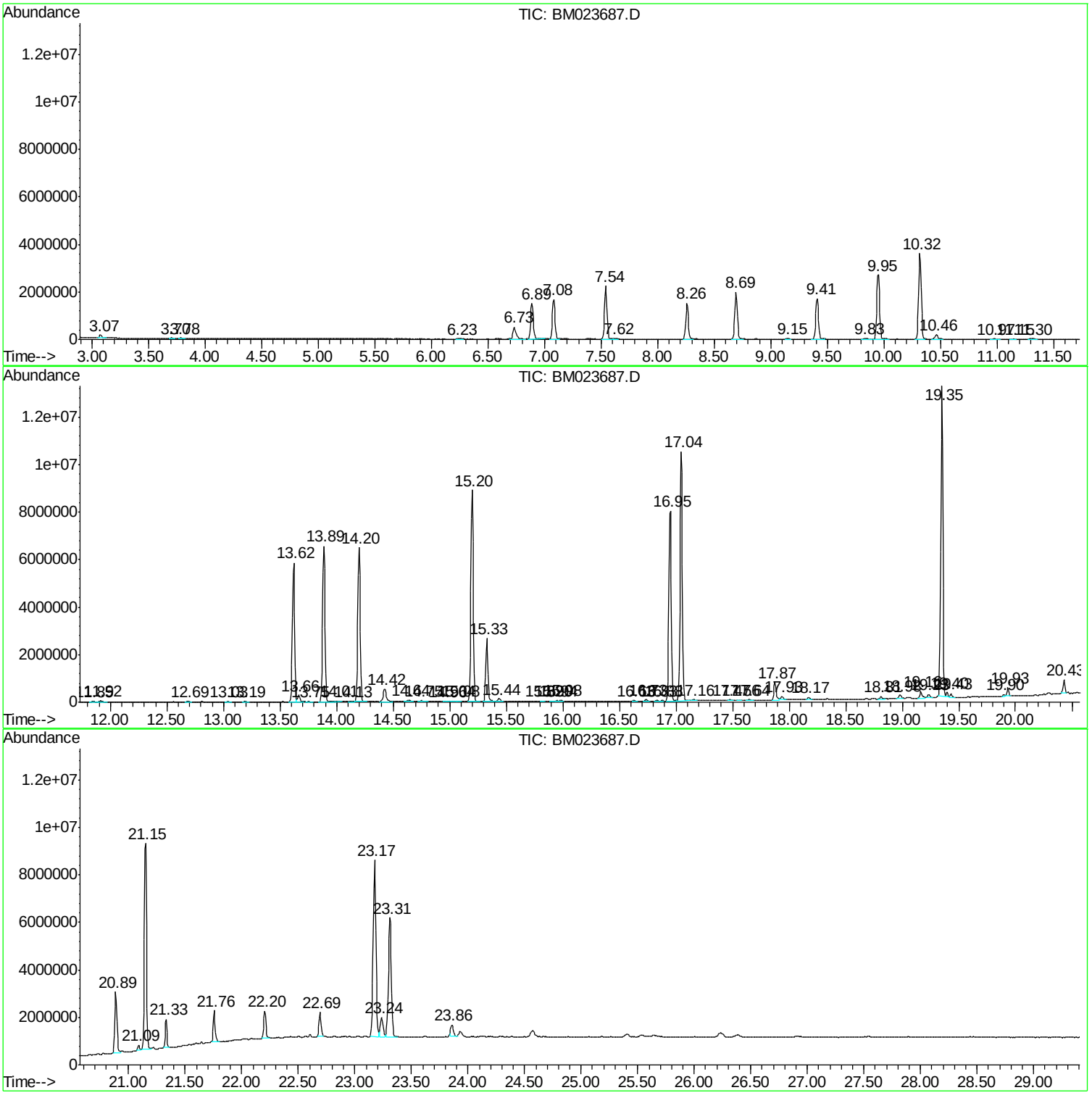
Sum of corrected areas: 167517915

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023687.D
Acq On : 13 Nov 2019 05:13
Operator : JU
Sample : K5579-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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 M\DATA\BM111219\
Data File : BM023687.D
Acq On : 13 Nov 2019 05:13
Operator : JU
Sample : K5579-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

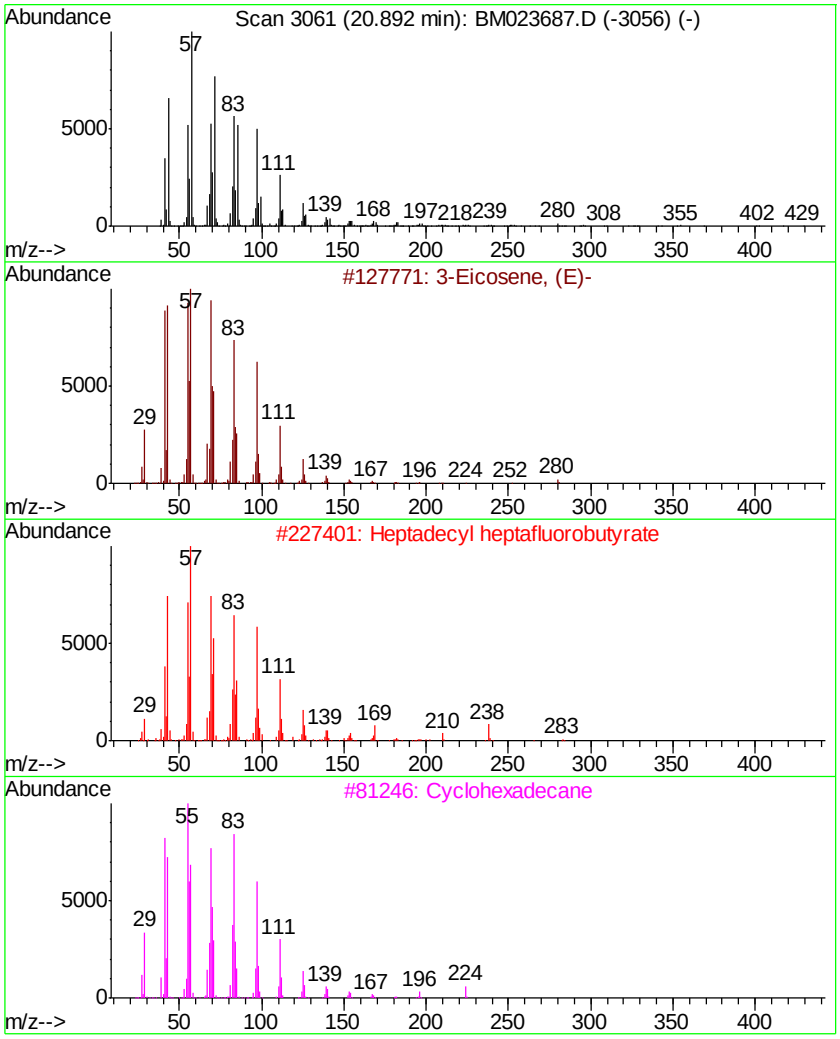
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

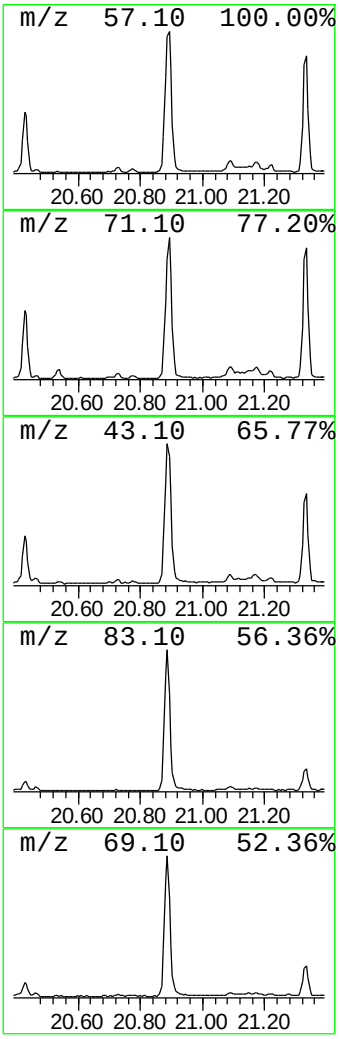
****

Peak Number 1 (DEL) Alkane: Cyclic20.89 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	6.19 ng/ul	3448710	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	97
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Cyclohexadecane	224	C16H32	000295-65-8	93
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	91





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023687.D
Acq On : 13 Nov 2019 05:13
Operator : JU
Sample : K5579-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

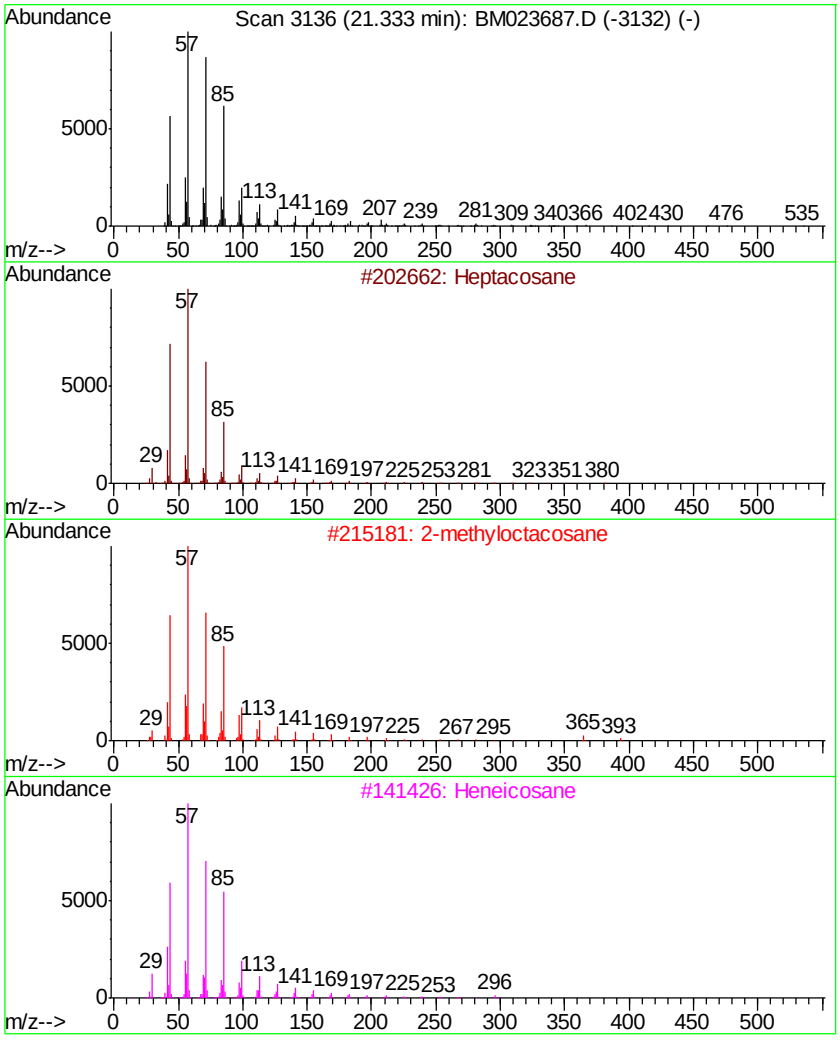
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

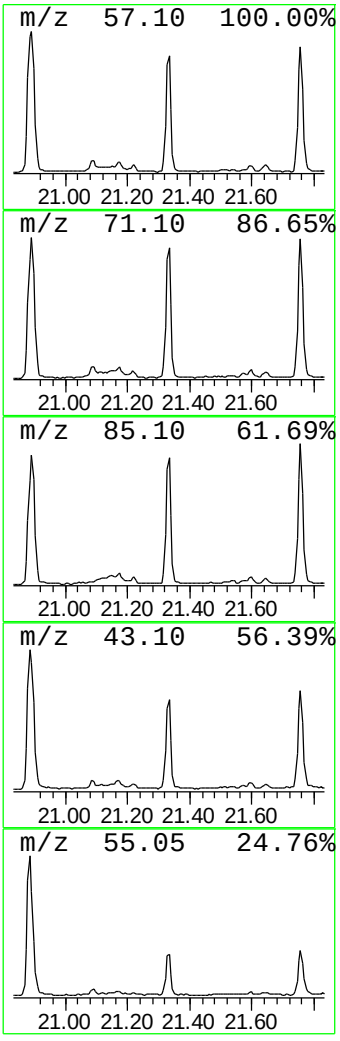
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.34 ng/ul	1304460	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	2-methyloctacosane	408	C29H60	1000376-72-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	90





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023687.D
Acq On : 13 Nov 2019 05:13
Operator : JU
Sample : K5579-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

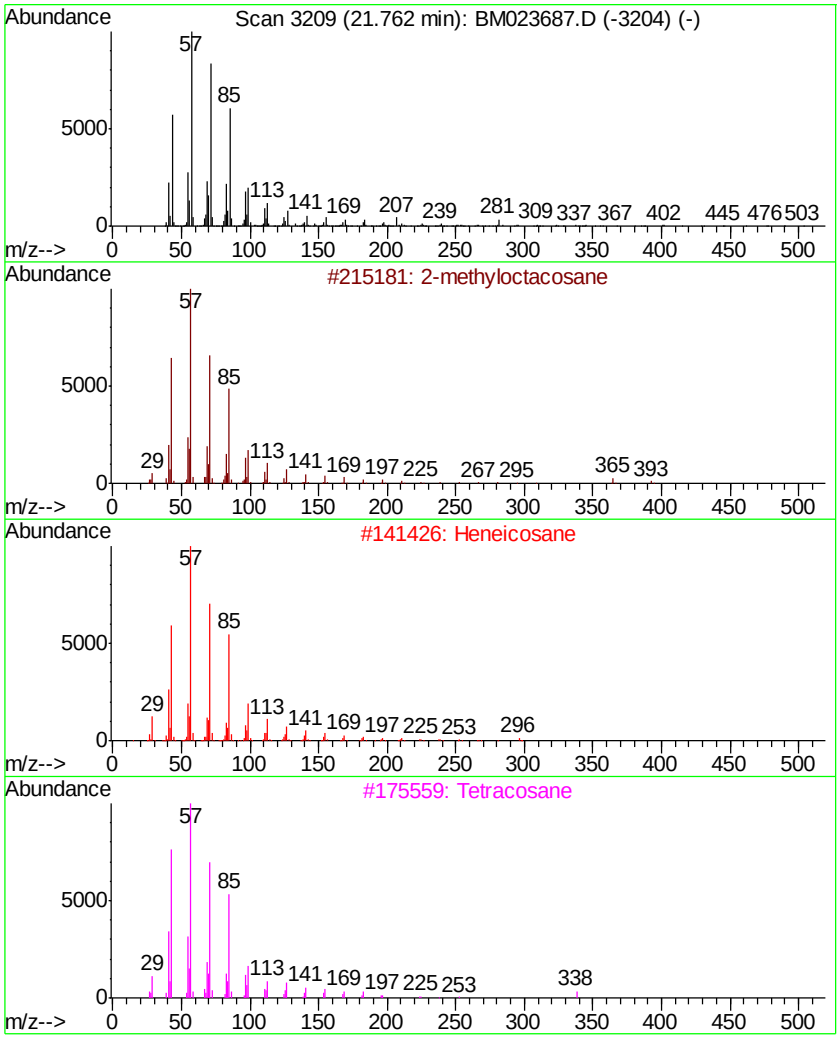
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

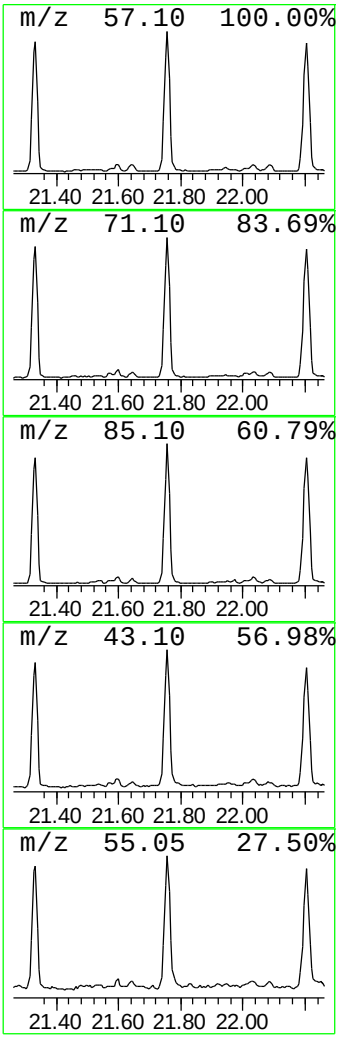
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	2.84 ng/ul	1581430	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	2-methyltetracosane	352	C25H52	1000376-72-6	91
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023687.D
Acq On : 13 Nov 2019 05:13
Operator : JU
Sample : K5579-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

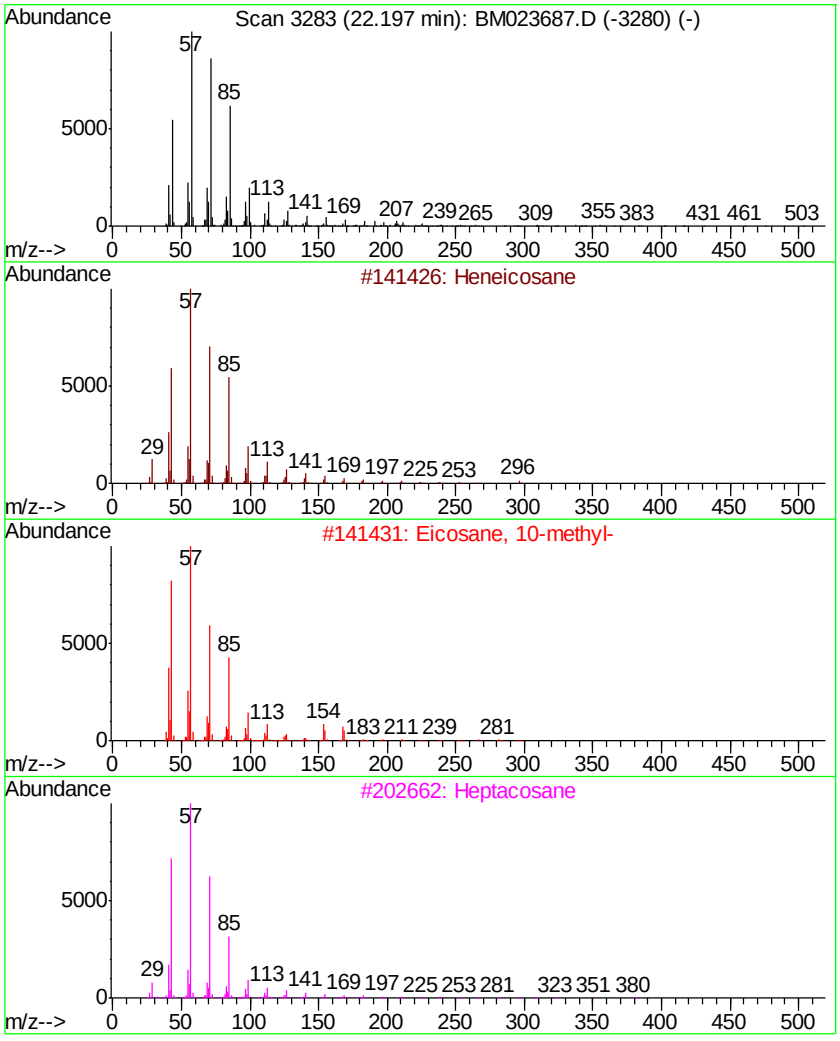
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

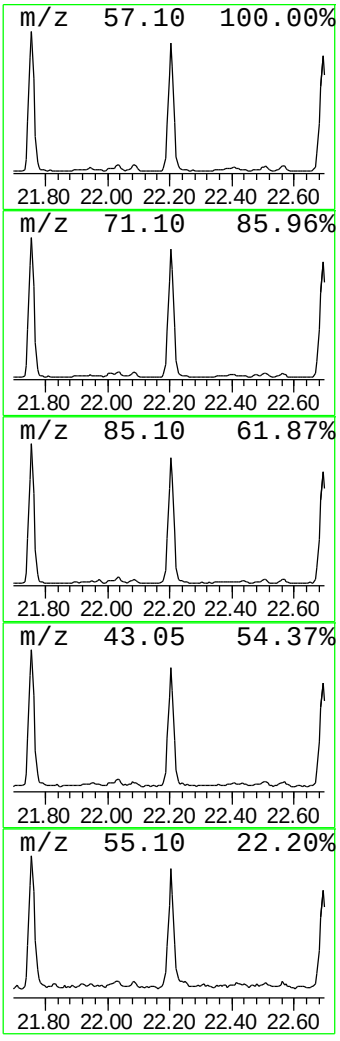
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.20	2.63 ng/ul	1462560	Chrysene-d12	21.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	95
3	Heptacosane	380	C27H56	000593-49-7	91
4	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	91
5	Hexacosane	366	C26H54	000630-01-3	87





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023687.D
Acq On : 13 Nov 2019 05:13
Operator : JU
Sample : K5579-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN8

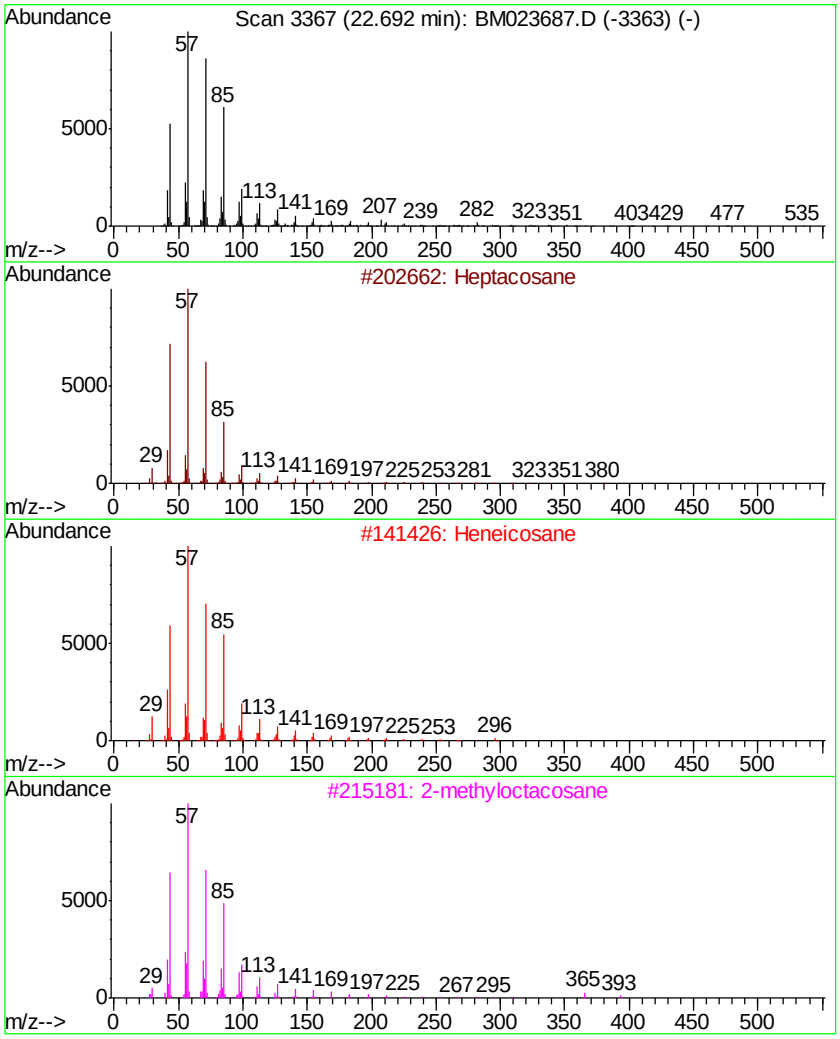
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

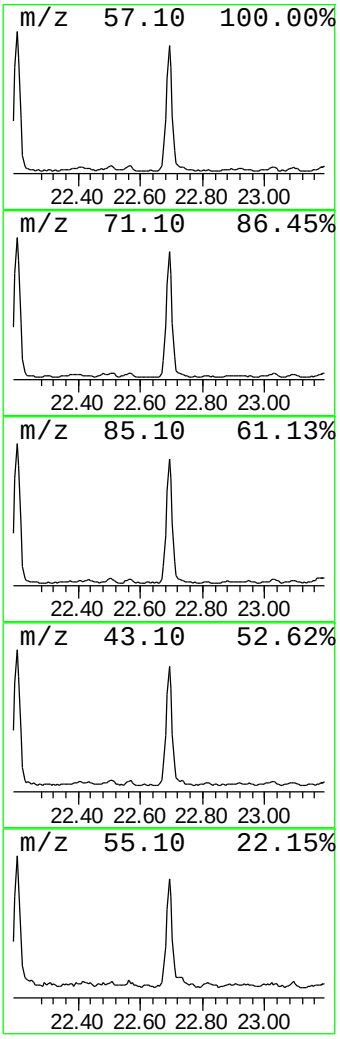
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.69	2.89 ng/ul	1314840	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023687.D
Acq On : 13 Nov 2019 05:13
Operator : JU
Sample : K5579-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

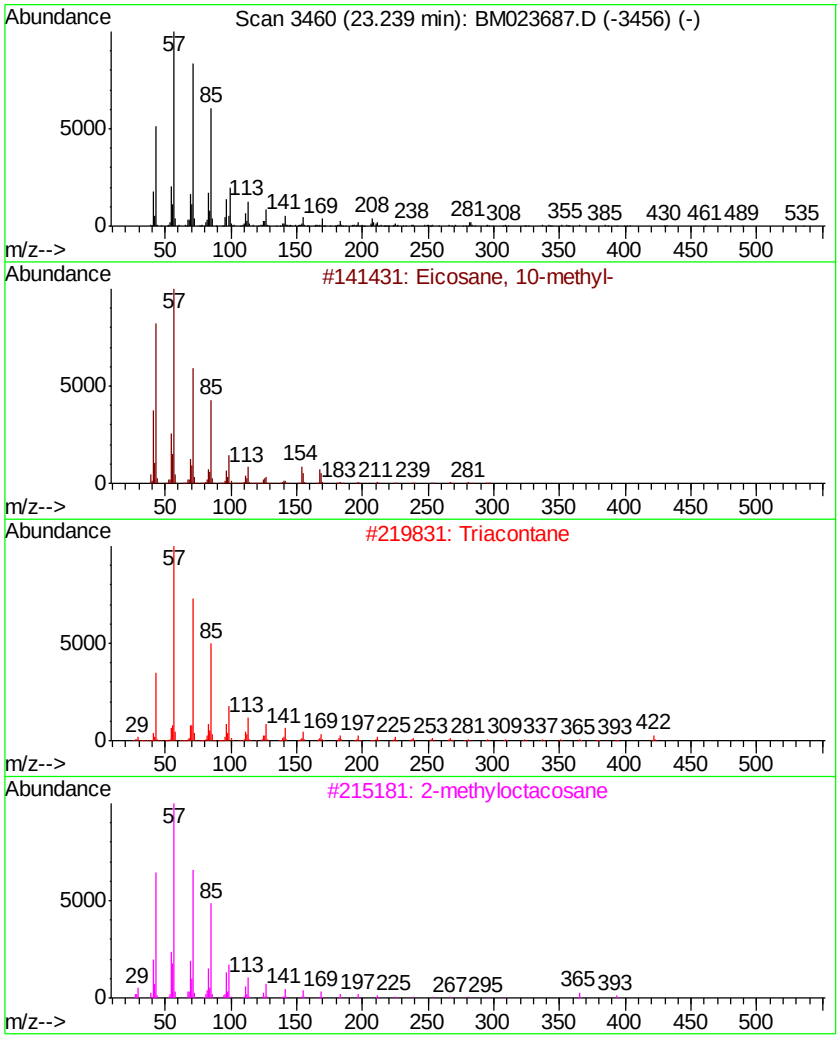
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

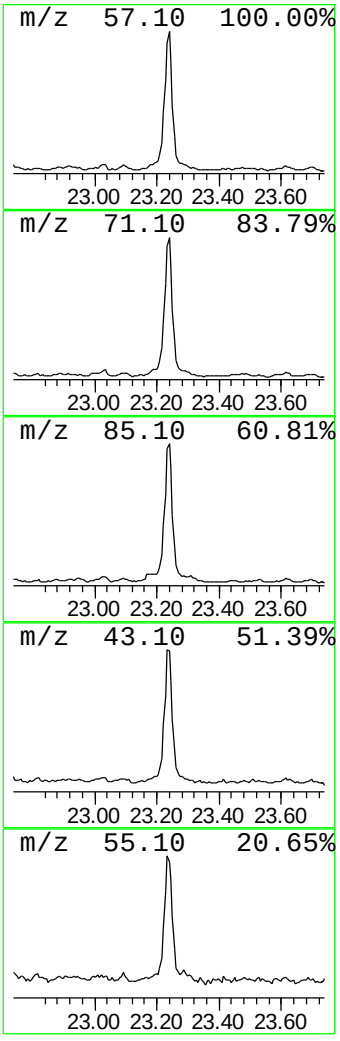
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	3.05 ng/ul	1387670	Perylene-d12	23.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Triacontane	422	C30H62	000638-68-6	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Eicosane	282	C20H42	000112-95-8	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM111219\
Data File : BM023687.D
Acq On : 13 Nov 2019 05:13
Operator : JU
Sample : K5579-01
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BEJN8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.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...	20.89	6.2	ng/ul	3448710	5	21.15	11137600	20.0
(DEL) Alkane: Str...	21.33	2.3	ng/ul	1304460	5	21.15	11137600	20.0
(DEL) Alkane: Str...	21.76	2.8	ng/ul	1581430	5	21.15	11137600	20.0
(DEL) Alkane: Str...	22.20	2.6	ng/ul	1462560	5	21.15	11137600	20.0
(DEL) Alkane: Str...	22.69	2.9	ng/ul	1314840	6	23.31	9106440	20.0
(DEL) Alkane: Str...	23.24	3.0	ng/ul	1387670	6	23.31	9106440	20.0