LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122619\
Data File : BM024306.D
Acq On : 26 Dec 2019 19:59
Operator : JU
Sample : K6270-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETK88

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-BM121719MA.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	2.993	15	18	26	rVB2	45231	61190	1.44%	0.112%
2	3.687	133	136	142	rVB4	8906	10994	0.26%	0.020%
3	4.599	288	291	297	rBV4	11066	18731	0.44%	0.034%
4	5.816	495	498	500	rBV3	3547	4242	0.10%	0.008%
5	6.134	550	552	555	rBV3	3724	4300	0.10%	0.008%
6	6.622	630	635	653	rBV2	746434	1508269	35.60%	2.762%
7	6.775	656	661	678	rVB	611300	1063879	25.11%	1.948%
8	6.963	686	693	707	rBV	840163	1394055	32.90%	2.553%
9	7.151	723	725	729	rVB4	4046	4566	0.11%	0.008%
10	7.240	737	740	742	rBV5	4539	5892	0.14%	0.011%
11	7.422	765	771	782	rBV	786920	1289418	30.43%	2.361%
12	7.516	782	787	792	rVV5	16925	34695	0.82%	0.064%
13	8.145	888	894	913	rBV	943584	1693484	39.97%	3.101%
14	8.434	940	943	947	rBV5	3378	4448	0.10%	0.008%
15	8.575	960	967	980	rBV	758999	1342066	31.68%	2.458%
16	9.004	1036	1040	1044	rVB	12943	17145	0.40%	0.031%
17	9.292	1083	1089	1107	rBV	626397	1114165	26.30%	2.040%
18	9.575	1135	1137	1141	rBV4	2656	4240	0.10%	0.008%
19	9.834	1173	1181	1206	rBV	899439	1683889	39.75%	3.084%
20	10.186	1234	1241	1251	rBV	1151386	1890549	44.62%	3.462%
21	10.345	1260	1268	1290	rBV	1678649	3370026	79.54%	6.172%
22	11.651	1484	1490	1494	rVB6	7746	14521	0.34%	0.027%
23	11.810	1511	1517	1524	rBV4	9233	20098	0.47%	0.037%
24	12.304	1596	1601	1603	rBV5	3489	4938	0.12%	0.009%
25	12.422	1616	1621	1624	rBV5	4884	7056	0.17%	0.013%
26	12.627	1651	1656	1661	rVB6	5671	9750	0.23%	0.018%
27	12.686	1661	1666	1667	rBV5	4840	4941	0.12%	0.009%
28	12.922	1700	1706	1713	rVB5	12211	20750	0.49%	0.038%
29	12.998	1715	1719	1725	rVB7	3202	5132	0.12%	0.009%
30	13.316	1770	1773	1780	rVV8	6132	12202	0.29%	0.022%
31	13.510	1800	1806	1811	rBV	1724387	2435109	57.48%	4.459%
32	13.557	1811	1814	1825	rVB	463220	706650	16.68%	1.294%
33	13.774	1844	1851	1864	rBV	2041396	3052690	72.05%	5.590%
34	14.016	1887	1892	1896	rBV	18660	27148	0.64%	0.050%

LSC Area Percent Report

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Sample : K6270-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETK88

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-BM121719MA.M
Title : SVOA CALIBRATION

35	14.086	1898	1904	1913	rVV	1730087	2485454	58.67%	4.552%
36	14.351	1943	1949	1974	rBV	290311	872575	20.60%	1.598%
37	14.551	1980	1983	1991	rVB6	18357	25890	0.61%	0.047%
38	14.639	1994	1998	2003	rVB6	8627	15495	0.37%	0.028%
39	14.704	2006	2009	2011	rBV4	5344	6062	0.14%	0.011%
40	14.916	2042	2045	2050	rBV4	6731	10159	0.24%	0.019%
41	14.974	2050	2055	2058	rVV3	19490	28937	0.68%	0.053%
42	15.092	2068	2075	2088	rBV	2523708	3719639	87.80%	6.812%
43	15.245	2095	2101	2112	rBV	532294	864581	20.41%	1.583%
44	15.333	2112	2116	2121	rVV2	35126	57423	1.36%	0.105%
45	15.386	2121	2125	2129	rVB3	12384	19773	0.47%	0.036%
46	15.533	2145	2150	2155	rBV5	8015	15095	0.36%	0.028%
47	15.839	2199	2202	2204	rBV2	23256	28100	0.66%	0.051%
48	16.015	2227	2232	2236	rBV7	6458	10639	0.25%	0.019%
49	16.180	2258	2260	2263	rVV3	3766	4895	0.12%	0.009%
50	16.245	2267	2271	2275	rBV6	5766	8943	0.21%	0.016%
51	16.292	2277	2279	2285	rVV6	4948	8546	0.20%	0.016%
52	16.345	2287	2288	2292	rVB4	3871	4304	0.10%	0.008%
53	16.415	2296	2300	2304	rBV7	5204	9185	0.22%	0.017%
54	16.527	2317	2319	2323	rVB5	4347	4487	0.11%	0.008%
55	16.633	2333	2337	2341	rBV3	29544	36799	0.87%	0.067%
56	16.674	2341	2344	2355	rVB6	9900	23956	0.57%	0.044%
57	16.845	2367	2373	2384	rBV	2030756	2779261	65.60%	5.090%
58	16.945	2384	2390	2404	rVV2	2545459	3724900	87.92%	6.821%
59	17.168	2426	2428	2433	rVB6	8739	11226	0.26%	0.021%
60	17.227	2435	2438	2439	rVV3	4411	4678	0.11%	0.009%
61	17.257	2441	2443	2445	rVV3	7226	7956	0.19%	0.015%
62	17.292	2447	2449	2453	rVB4	6112	8050	0.19%	0.015%
63	17.368	2458	2462	2467	rBV6	19976	32053	0.76%	0.059%
64	17.645	2507	2509	2512	rBV4	5402	4680	0.11%	0.009%
65	17.768	2525	2530	2536	rBV2	117212	181935	4.29%	0.333%
66	18.062	2577	2580	2585	rBV3	20474	24761	0.58%	0.045%
67	18.539	2659	2661	2663	rBV3	6655	6241	0.15%	0.011%
68	18.639	2676	2678	2680	rBV3	7091	7101	0.17%	0.013%
69	18.709	2687	2690	2695	rVB3	26518	35576	0.84%	0.065%
70	18.892	2718	2721	2725	rBV2	21256	24479	0.58%	0.045%
71	19.068	2748	2751	2756	rBV6	22135	37571	0.89%	0.069%

LSC Area Percent Report

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Instrument : BNA_M
ClientSampleId : ETK88

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Title : SVOA CALIBRATION

72	19.139	2760	2763	2768	rVV	26476	35241	0.83%	0.065%
73	19.256	2777	2783	2789	rBV	2947031	4195714	99.03%	7.684%
74	19.839	2879	2882	2885	rVB2	38601	44812	1.06%	0.082%
75	20.803	3041	3046	3055	rBV	728722	1045221	24.67%	1.914%
76	21.062	3085	3090	3099	rBV	2204931	2938080	69.35%	5.381%
77	21.245	3118	3121	3126	rVB	130957	141755	3.35%	0.260%
78	21.662	3189	3192	3201	rVB	173077	232367	5.48%	0.426%
79	22.097	3263	3266	3271	rVB	289337	319158	7.53%	0.584%
80	22.574	3344	3347	3352	rVB	283138	364219	8.60%	0.667%
81	23.056	3423	3429	3434	rBV	2414063	4236674	100.00%	7.759%
82	23.186	3446	3451	3460	rVB	1732674	3059996	72.23%	5.604%

Sum of corrected areas: 54605870

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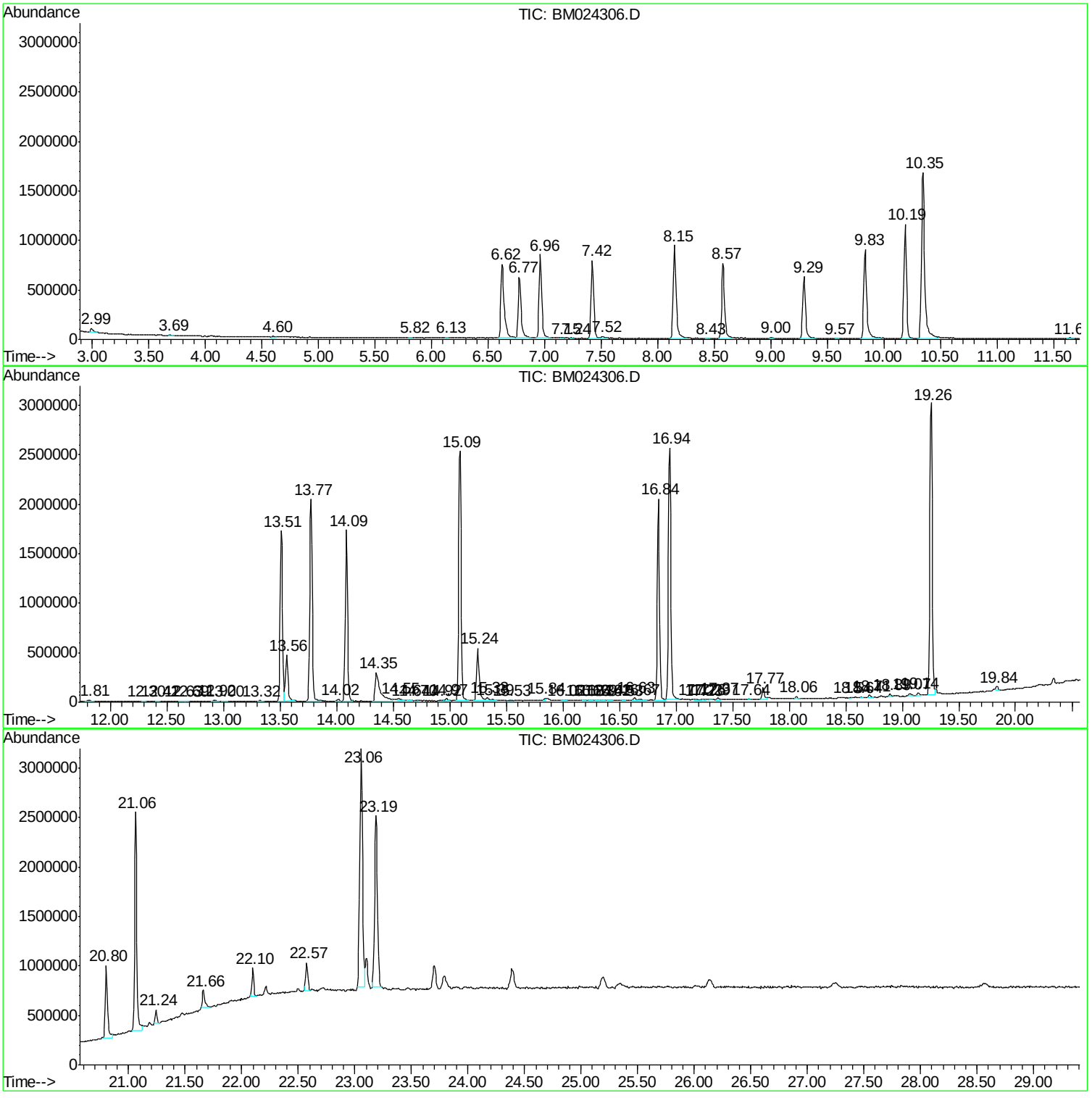
Instrument : BNA_M
ClientSampleId : ETK88

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.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\BM122619\
Data File : BM024306.D
Acq On : 26 Dec 2019 19:59
Operator : JU
Sample : K6270-12
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ETK88

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

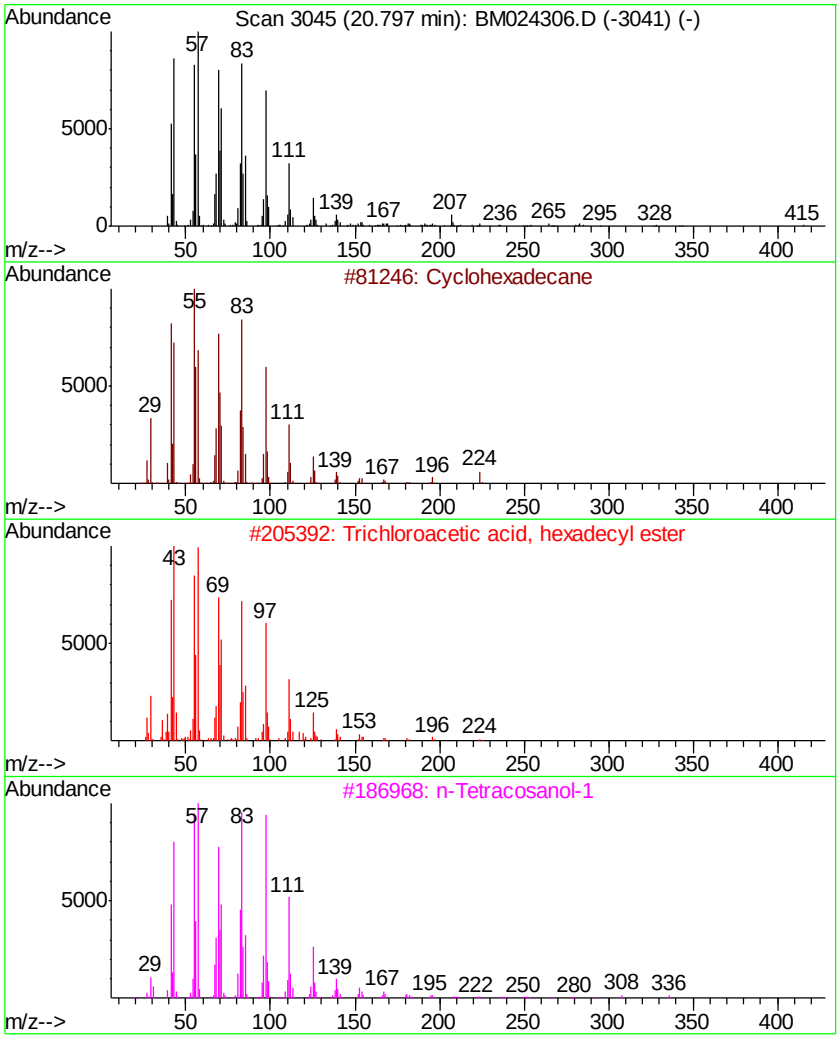
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

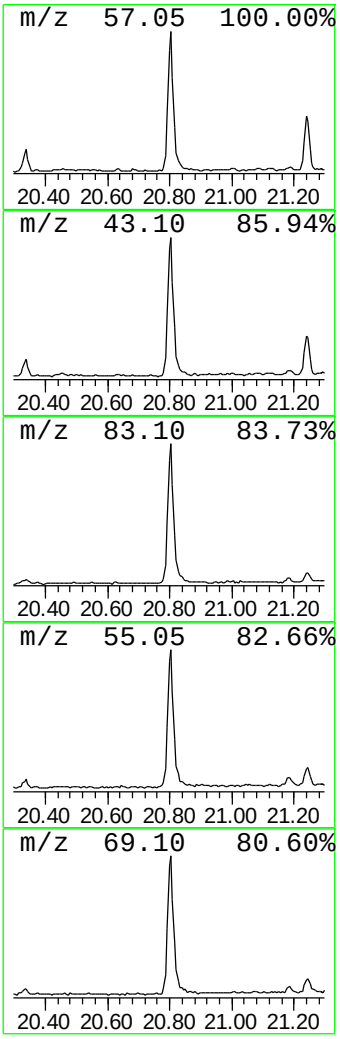
****

Peak Number 1 (DEL) Alkane: Cyclic20.80 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.80	7.11 ng/ul	1045220	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	95
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	87
4	Nonadecyl heptafluorobutyrate	480	C23H39F7O2	1000351-83-9	87
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	83





Library Search Compound Report

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ClientSampleId : ETK88

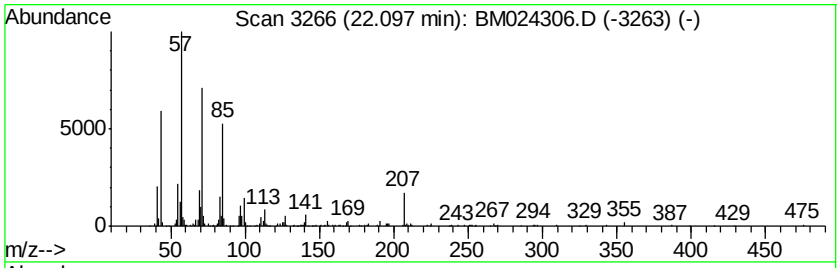
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

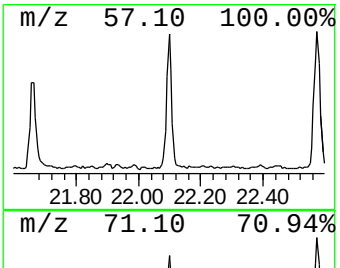
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.10	2.17 ng/ul	319158	Chrysene-d12	21.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octacosane	394	C28H58	000630-02-4	87
4	Heneicosane	296	C21H44	000629-94-7	83
5	Docosane	310	C22H46	000629-97-0	83





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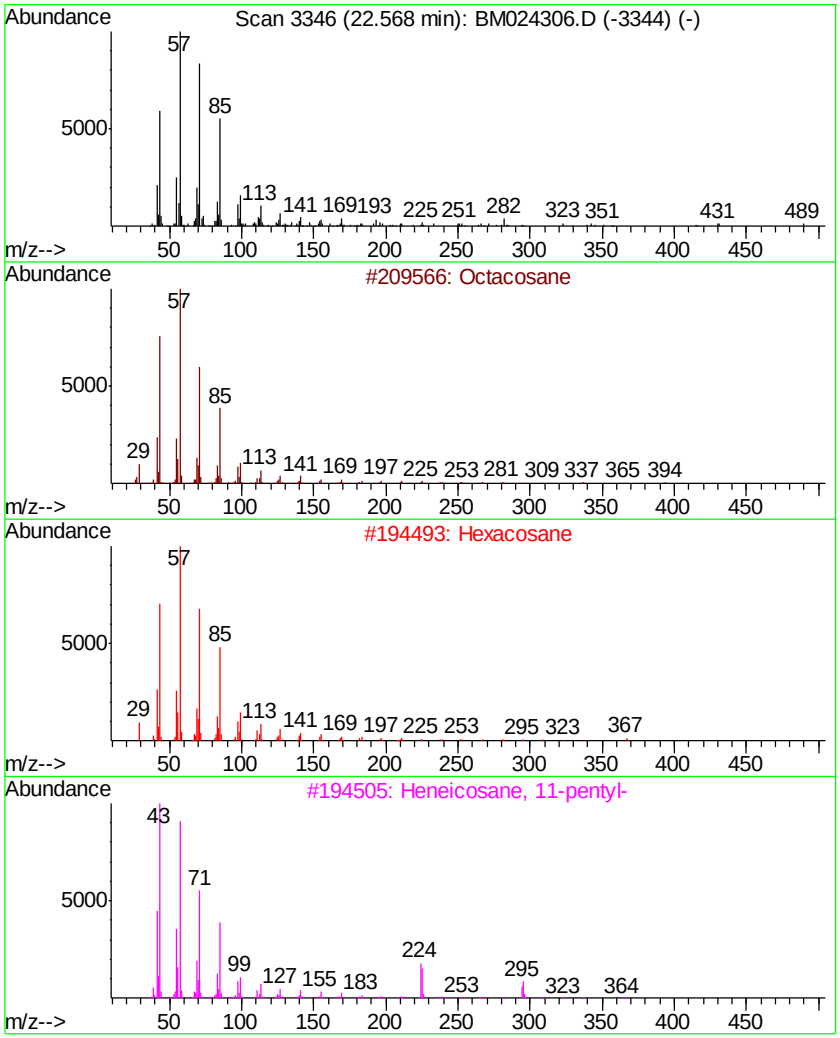
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

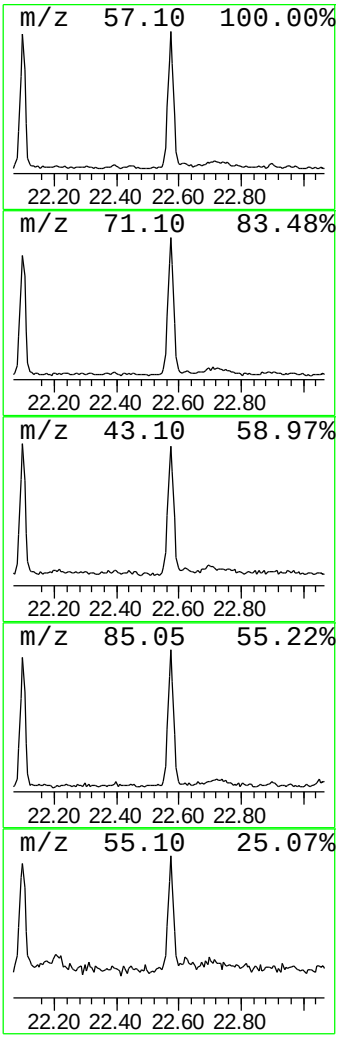
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.57	2.38 ng/ul	364219	Perylene-d12	23.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	90
4	Docosane	310	C22H46	000629-97-0	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86





Tentatively Identified Compound (LSC) summary

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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...	20.80	7.1	ng/ul	1045220	5	21.06	2938080	20.0
(DEL) Alkane: Str...	22.10	2.2	ng/ul	319158	5	21.06	2938080	20.0
(DEL) Alkane: Str...	22.57	2.4	ng/ul	364219	6	23.19	3060000	20.0