LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095804.D
Acq On : 9 Jun 2017 2:22
Operator : SJ/MA
Sample : I3563-01 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : OK-04-060817

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:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.551	501	504	514	rBV2	8302	20699	4.13%	0.344%
2	5.275	623	627	654	rBV	86605	261435	52.22%	4.341%
3	6.939	907	910	922	rBV	98111	236550	47.25%	3.928%
4	7.028	922	925	943	rVB	192155	374330	74.77%	6.216%
5	7.363	979	982	997	rBV	274939	381300	76.16%	6.331%
6	7.604	1019	1023	1038	rBV	176593	245918	49.12%	4.083%
7	8.286	1136	1139	1159	rBV	79600	159730	31.90%	2.652%
8	9.398	1324	1328	1344	rBV	387883	500665	100.00%	8.314%
9	10.580	1526	1529	1536	rBB	3266	5697	1.14%	0.095%
10	10.722	1550	1553	1559	rBV2	3737	6479	1.29%	0.108%
11	11.174	1626	1630	1645	rBV	295714	349055	69.72%	5.796%
12	11.410	1666	1670	1673	rBB	6355	7760	1.55%	0.129%
13	11.710	1717	1721	1724	rBV2	4851	6926	1.38%	0.115%
14	11.874	1744	1749	1755	rBV	30592	41343	8.26%	0.687%
15	12.004	1766	1771	1778	rBB2	8021	13760	2.75%	0.228%
16	12.221	1803	1808	1813	rBV2	400494	493595	98.59%	8.196%
17	12.268	1813	1816	1823	rVB2	12629	18658	3.73%	0.310%
18	12.774	1899	1902	1907	rVB4	3792	6100	1.22%	0.101%
19	13.080	1951	1954	1958	rVB3	15581	17734	3.54%	0.294%
20	13.121	1958	1961	1970	rBB	6185	9129	1.82%	0.152%
21	13.433	2010	2014	2019	rBV3	4047	7960	1.59%	0.132%
22	13.521	2024	2029	2036	rBV	87734	131184	26.20%	2.178%
23	13.851	2080	2085	2095	rVB3	17244	30427	6.08%	0.505%
24	14.580	2205	2209	2211	rBV	13383	17960	3.59%	0.298%
25	14.610	2211	2214	2219	rVV	321647	421725	84.23%	7.003%
26	14.651	2219	2221	2231	rVB	33286	45323	9.05%	0.753%
27	14.751	2234	2238	2241	rBV2	6438	9143	1.83%	0.152%
28	15.074	2290	2293	2299	rBV4	3834	5956	1.19%	0.099%
29	15.157	2304	2307	2310	rBV3	5156	6393	1.28%	0.106%
30	15.262	2320	2325	2329	rBV2	15223	20481	4.09%	0.340%
31	15.421	2348	2352	2356	rVB2	30896	37336	7.46%	0.620%
32	15.462	2356	2359	2365	rBV	20318	27654	5.52%	0.459%
33	15.574	2375	2378	2382	rBV2	17629	22208	4.44%	0.369%
34	15.615	2382	2385	2395	rVB4	13187	25260	5.05%	0.419%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.868	2424	2428	2434	rBV4	18372	26439	5.28%	0.439%
36	16.086	2461	2465	2468	rBV3	6551	7872	1.57%	0.131%
37	16.127	2468	2472	2476	rBV2	10350	13110	2.62%	0.218%
38	16.233	2485	2490	2493	rBV	25892	33282	6.65%	0.553%
39	16.274	2493	2497	2501	rVV3	10714	17995	3.59%	0.299%
40	16.351	2506	2510	2513	rVV4	12776	18268	3.65%	0.303%
41	16.386	2513	2516	2519	rVV2	62017	66742	13.33%	1.108%
42	16.427	2519	2523	2530	rVB2	83114	131102	26.19%	2.177%
43	16.545	2537	2543	2547	rBV7	8371	17607	3.52%	0.292%
44	16.733	2569	2575	2582	rVB	81484	100465	20.07%	1.668%
45	16.815	2586	2589	2593	rVB3	6771	7646	1.53%	0.127%
46	16.862	2594	2597	2600	rVB3	11996	11728	2.34%	0.195%
47	16.927	2604	2608	2612	rBV2	25564	28446	5.68%	0.472%
48	16.986	2612	2618	2625	rVB	255160	290129	57.95%	4.818%
49	17.062	2625	2631	2634	rBV4	11450	21015	4.20%	0.349%
50	17.186	2647	2652	2654	rBV5	8617	15958	3.19%	0.265%
51	17.298	2668	2671	2674	rVB3	6211	6876	1.37%	0.114%
52	17.339	2674	2678	2683	rBV3	14188	20454	4.09%	0.340%
53	17.398	2685	2688	2693	rVB2	21319	21850	4.36%	0.363%
54	17.451	2694	2697	2702	rBV2	14043	18632	3.72%	0.309%
55	17.498	2702	2705	2707	rBV	10291	10018	2.00%	0.166%
56	17.545	2711	2713	2716	rBV4	6231	6416	1.28%	0.107%
57	17.786	2748	2754	2757	rBV8	7018	13897	2.78%	0.231%
58	17.845	2760	2764	2767	rVB2	25635	29422	5.88%	0.489%
59	17.874	2767	2769	2772	rBV4	4301	5774	1.15%	0.096%
60	18.003	2788	2791	2794	rBV5	10623	16395	3.27%	0.272%
61	18.039	2795	2797	2801	rVB4	11236	10696	2.14%	0.178%
62	18.262	2831	2835	2840	rVB2	37909	49729	9.93%	0.826%
63	18.333	2842	2847	2851	rBV	349827	455297	90.94%	7.560%
64	18.362	2851	2852	2859	rVB	29819	37271	7.44%	0.619%
65	18.450	2865	2867	2869	rBV2	9042	7281	1.45%	0.121%
66	18.662	2900	2903	2908	rVB	38352	46970	9.38%	0.780%
67	18.786	2921	2924	2928	rBV6	15626	26321	5.26%	0.437%
68	19.050	2966	2969	2972	rBV	26840	26787	5.35%	0.445%
69	19.415	3028	3031	3036	rBV	34335	47346	9.46%	0.786%
70	19.603	3060	3063	3066	rBV	27067	38859	7.76%	0.645%
71	19.774	3089	3092	3095	rVB	36699	37637	7.52%	0.625%

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72	19.997	3126	3130	3138	rBV	253775	314674	62.85%	5.225%

Sum of corrected areas: 6022279

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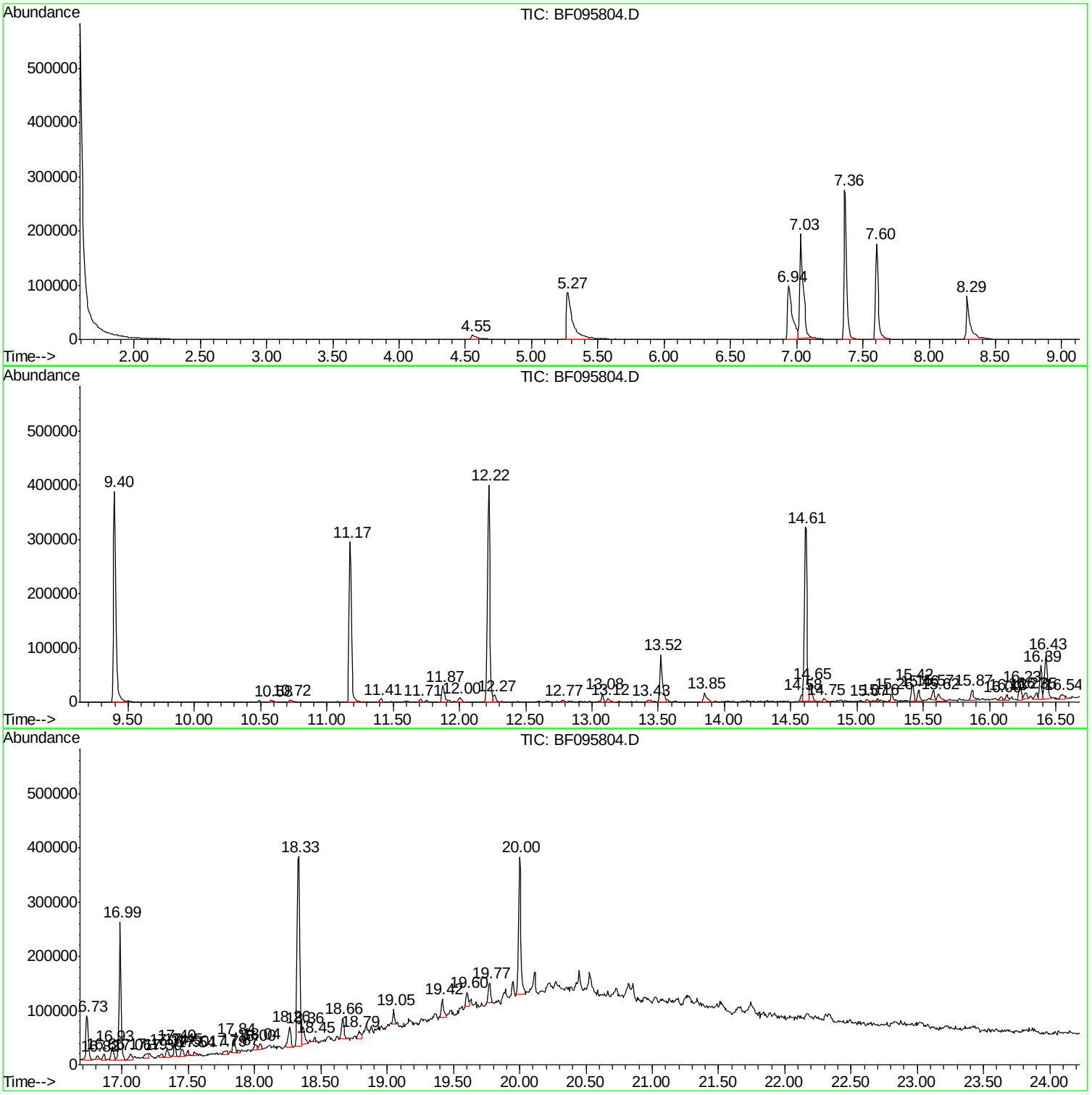
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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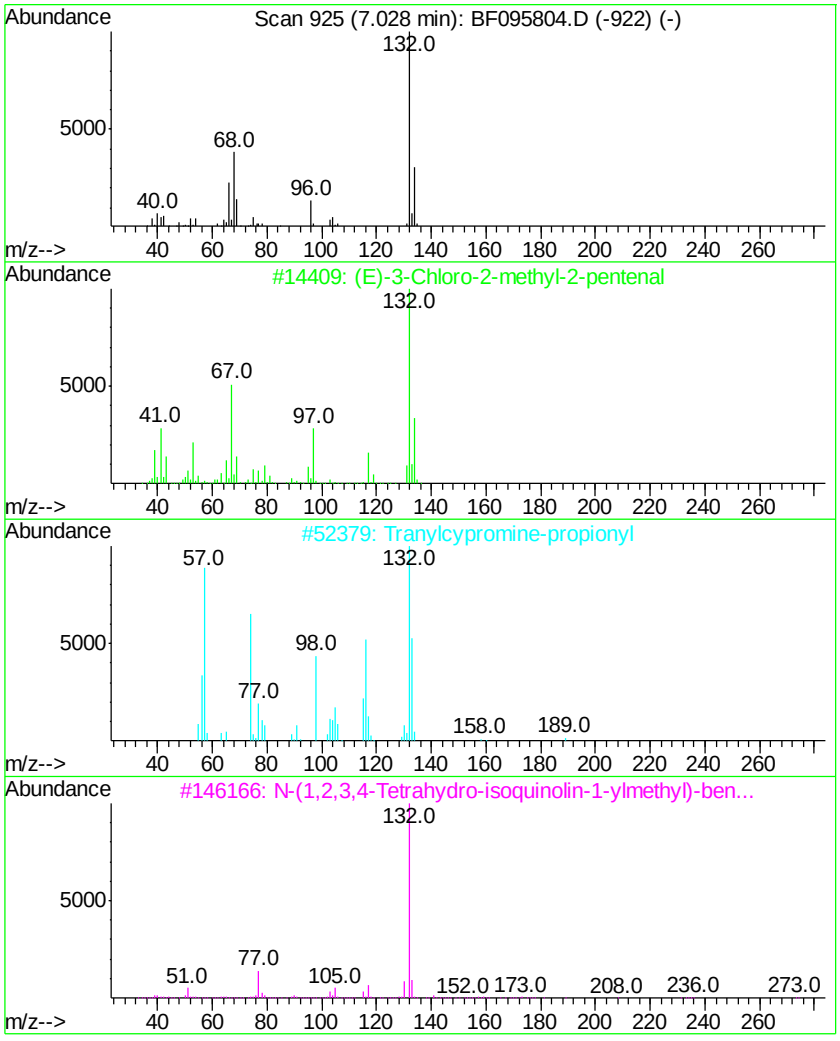
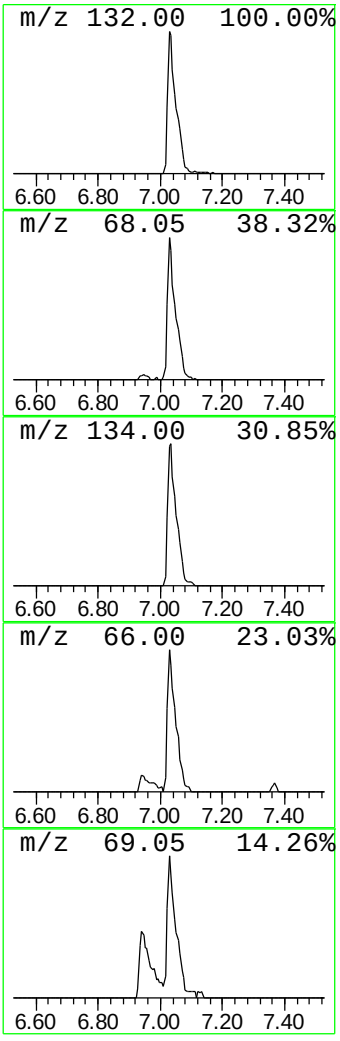
Peak Number 1 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	19.63 ng	374330	1,4-Dichlorobenzene-d4	7.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	N-(1,2,3,4-Tetrahydro-isoquinoli...	302	C16H18N2O2S	1000274-62-8	10
4	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	10
5	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9





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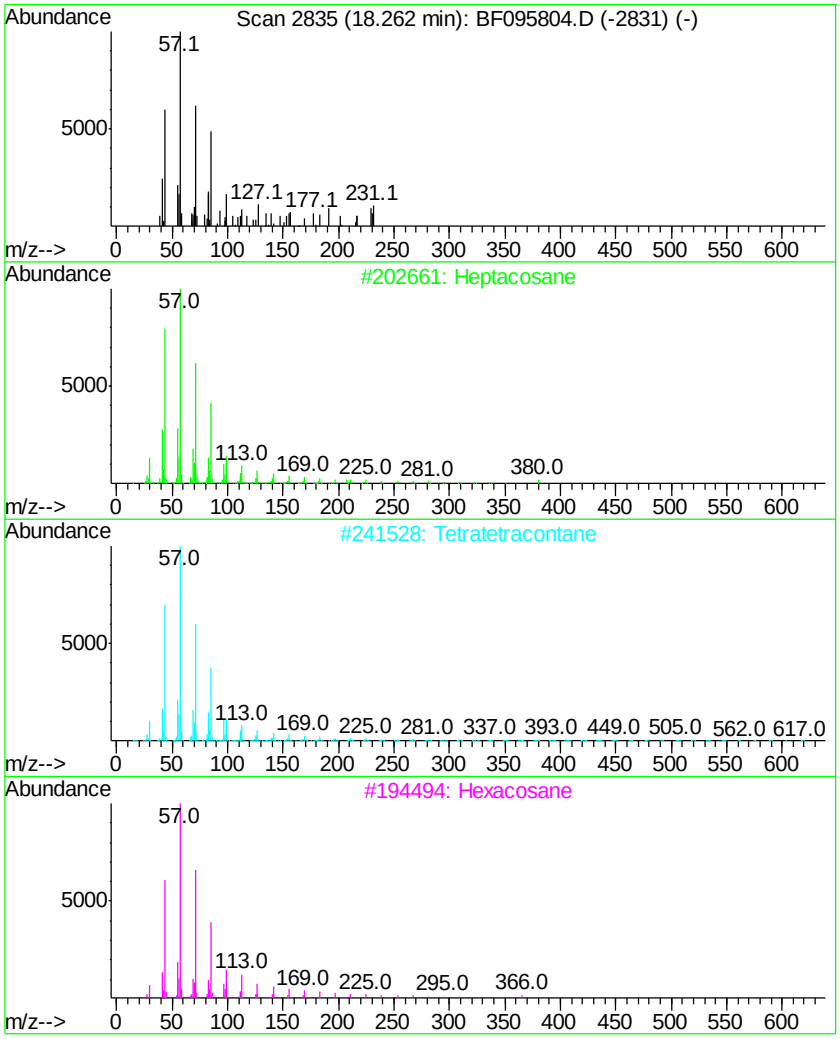
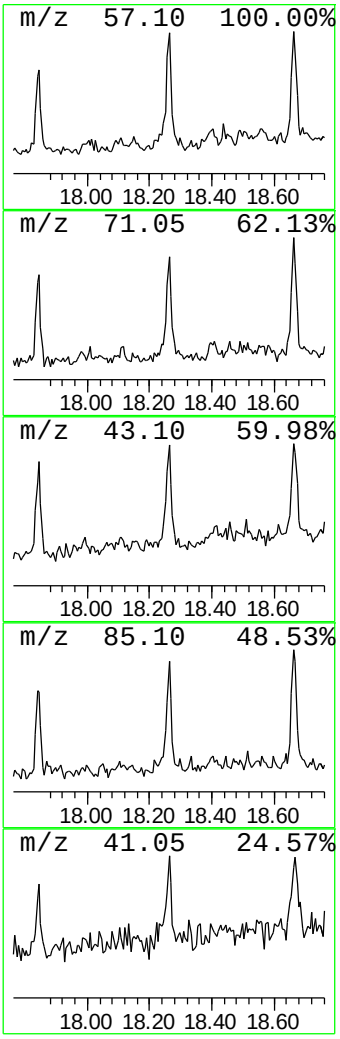
Peak Number 3 Heptacosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.26	2.18 ng	49729	Chrysene-d12	18.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	64
2	Tetratetracontane	619	C44H90	007098-22-8	59
3	Hexacosane	366	C26H54	000630-01-3	59
4	Tetracosane	338	C24H50	000646-31-1	59
5	Hexatriacontane	507	C36H74	000630-06-8	59





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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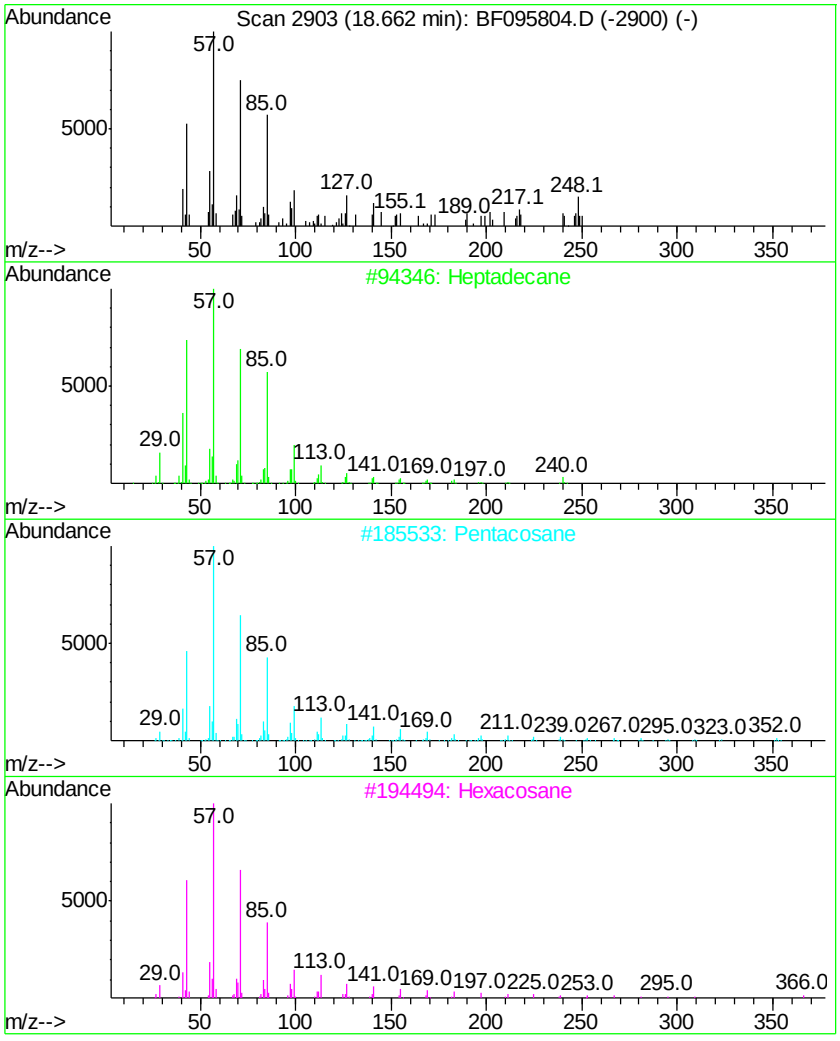
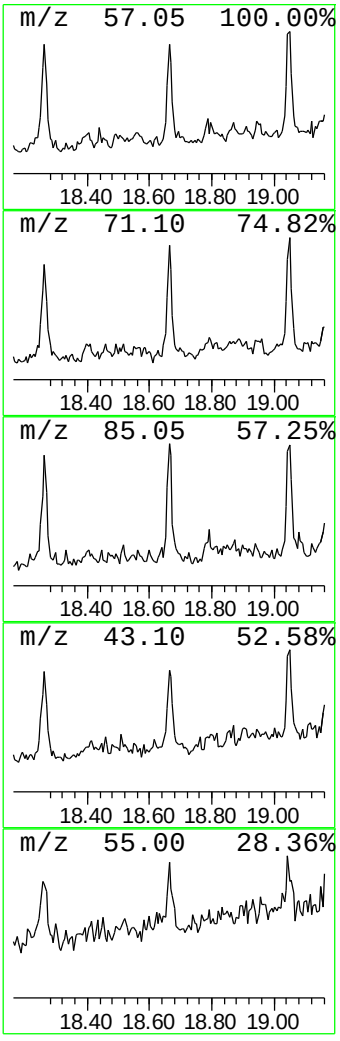
Peak Number 4 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	2.06 ng	46970	Chrysene-d12	18.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Pentacosane	352	C25H52	000629-99-2	68
3	Hexacosane	366	C26H54	000630-01-3	68
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	64
5	Triacontane	422	C30H62	000638-68-6	59





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

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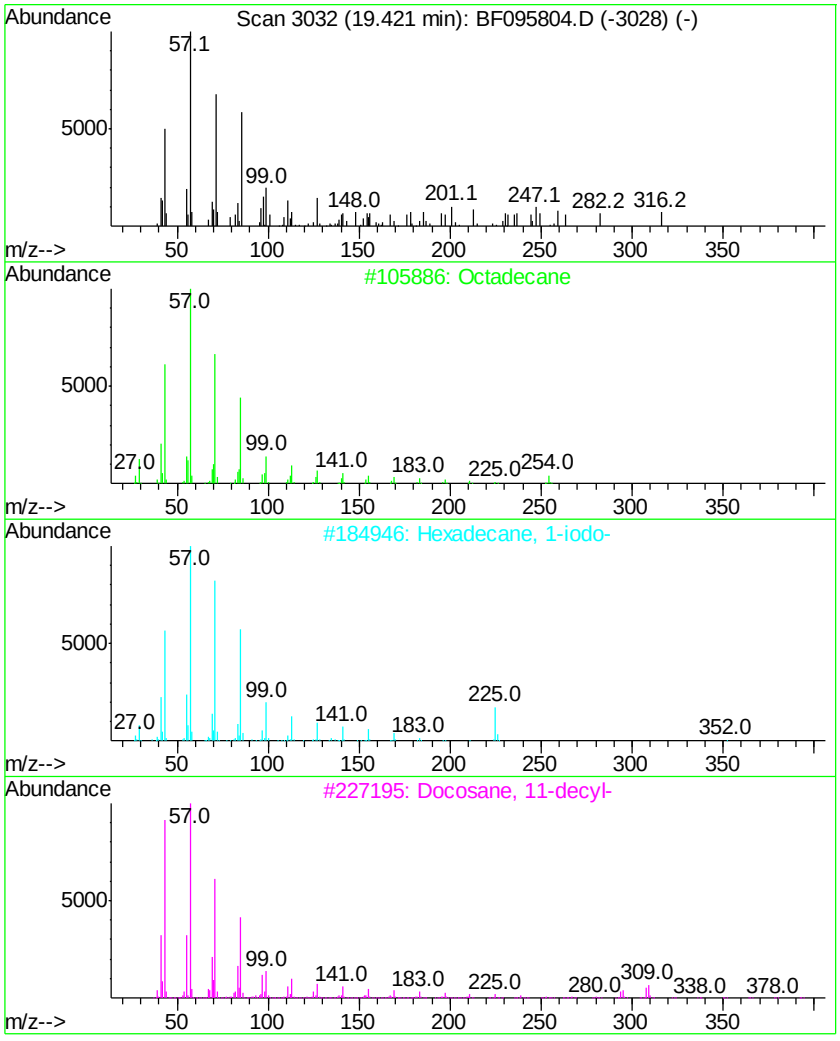
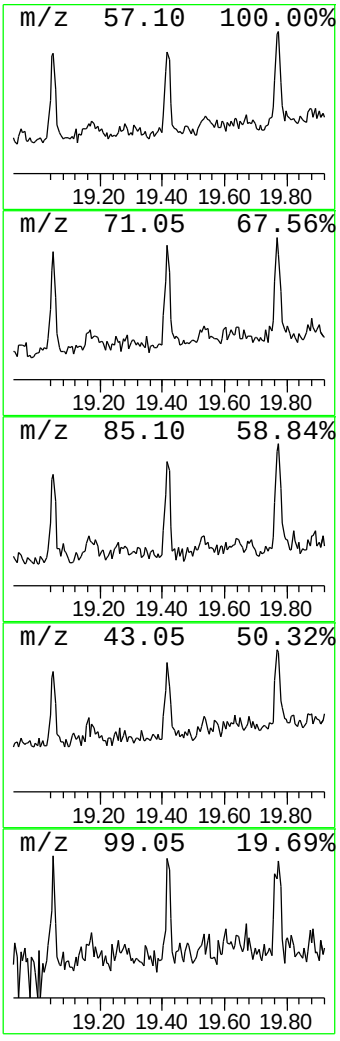
Peak Number 5 Octadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.42	3.01 ng	47346	Perylene-d12	20.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	81
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	72
3	Docosane, 11-decyl-	451	C32H66	055401-55-3	72
4	2-Bromotetradecane	276	C14H29Br	074036-95-6	72
5	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown7.03	7.03	19.6	ng	374330	1	7.36	381300	20.0
Heptacosane	18.26	2.2	ng	49729	5	18.33	455297	20.0
Heptadecane	18.66	2.1	ng	46970	5	18.33	455297	20.0
Octadecane	19.42	3.0	ng	47346	6	20.00	314674	20.0