LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022124\
Data File : BN029892.D
Acq On : 21 Feb 2024 16:16
Operator : MA/JU
Sample : P1455-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AF0

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_N\Methods\SFAM-EPA-BN020724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN029892.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.316	35	39	51	rVB	52012	78464	1.41%	0.148%
2	3.840	126	128	134	rVB5	8078	10043	0.18%	0.019%
3	4.046	160	163	167	rVB	15132	19341	0.35%	0.036%
4	4.275	198	202	209	rBV3	22000	31463	0.57%	0.059%
5	4.569	247	252	258	rVB	77816	107953	1.94%	0.203%
6	4.681	268	271	277	rVB4	9771	13393	0.24%	0.025%
7	5.516	410	413	418	rVB3	7091	10362	0.19%	0.020%
8	7.028	663	670	687	rVB	410093	650652	11.72%	1.226%
9	7.205	692	700	716	rBV	1008351	1582344	28.50%	2.982%
10	7.387	724	731	741	rBV	1185612	1841948	33.17%	3.471%
11	7.475	744	746	754	rVB6	6804	10283	0.19%	0.019%
12	7.857	804	811	821	rBV	713599	1136188	20.46%	2.141%
13	8.569	925	932	946	rBV	964580	1556101	28.03%	2.932%
14	9.028	1002	1010	1021	rBV	1145081	1899594	34.21%	3.580%
15	9.416	1071	1076	1079	rBV5	4996	7769	0.14%	0.015%
16	9.746	1125	1132	1143	rBV	905415	1499227	27.00%	2.825%
17	9.899	1154	1158	1166	rBV7	7663	17155	0.31%	0.032%
18	10.275	1215	1222	1237	rBV	1287341	2245412	40.44%	4.231%
19	10.657	1279	1287	1298	rBV	913865	1569640	28.27%	2.958%
20	10.816	1307	1314	1321	rBV6	8676	18639	0.34%	0.035%
21	11.469	1418	1425	1429	rBV8	4203	7116	0.13%	0.013%
22	12.251	1550	1558	1563	rBV	20177	34794	0.63%	0.066%
23	13.128	1704	1707	1712	rBV6	3459	5562	0.10%	0.010%
24	13.404	1750	1754	1762	rBV3	12788	19889	0.36%	0.037%
25	13.928	1836	1843	1856	rBV	2154407	3022832	54.44%	5.697%
26	14.198	1881	1889	1904	rBV	2219362	3339276	60.14%	6.293%
27	14.504	1934	1941	1953	rBV	1229295	1810315	32.61%	3.412%
28	14.716	1971	1977	1997	rBV	181425	417782	7.52%	0.787%
29	14.922	2009	2012	2016	rBV6	6609	8603	0.15%	0.016%
30	15.310	2073	2078	2082	rVB	9729	13220	0.24%	0.025%
31	15.498	2102	2110	2125	rBV	3059647	4532083	81.63%	8.541%
32	15.622	2125	2131	2147	rVV	936575	1407890	25.36%	2.653%
33	15.733	2147	2150	2160	rVV5	17353	36995	0.67%	0.070%
34	16.228	2232	2234	2240	rVB7	3577	5744	0.10%	0.011%
35	16.281	2240	2243	2249	rVB4	9125	13955	0.25%	0.026%
36	16.810	2327	2333	2338	rBV8	8335	11989	0.22%	0.023%

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Title : SVOA CALIBRATION

37	16.933	2350	2354	2357	rBV5	3893	6560	0.12%	0.012%
38	17.033	2366	2371	2375	rBV6	3738	6388	0.12%	0.012%
39	17.257	2402	2409	2418	rBV	1495990	2102178	37.86%	3.962%
40	17.357	2419	2426	2446	rVB	3406904	4913636	88.50%	9.260%
41	17.628	2467	2472	2476	rVV6	3709	9855	0.18%	0.019%
42	17.657	2476	2477	2484	rVB6	6234	8055	0.15%	0.015%
43	17.933	2518	2524	2529	rBV7	24240	35575	0.64%	0.067%
44	18.163	2557	2563	2572	rBV2	37426	60967	1.10%	0.115%
45	18.492	2615	2619	2625	rVB6	8585	15270	0.28%	0.029%
46	18.604	2634	2638	2642	rBV7	7595	10813	0.19%	0.020%
47	18.651	2642	2646	2648	rBV3	8425	10411	0.19%	0.020%
48	19.027	2707	2710	2714	rBV5	7030	7654	0.14%	0.014%
49	19.216	2738	2742	2747	rBV2	41256	56491	1.02%	0.106%
50	19.286	2751	2754	2759	rBV	36065	49497	0.89%	0.093%
51	19.363	2765	2767	2772	rVB5	7936	10417	0.19%	0.020%
52	19.451	2778	2782	2786	rBV2	33986	43961	0.79%	0.083%
53	19.610	2805	2809	2811	rBV	22052	25883	0.47%	0.049%
54	19.657	2811	2817	2826	rVV	4087703	5552249	100.00%	10.463%
55	20.663	2984	2988	2993	rBV4	20200	27450	0.49%	0.052%
56	20.721	2996	2998	3002	rBV5	10148	10793	0.19%	0.020%
57	21.457	3117	3123	3130	rBV2	1589608	2104114	37.90%	3.965%
58	22.592	3312	3316	3326	rVB2	93296	133282	2.40%	0.251%
59	23.145	3406	3410	3417	rVB	127912	200578	3.61%	0.378%
60	23.668	3491	3499	3510	rBV	2795510	5411762	97.47%	10.199%
61	23.768	3512	3516	3519	rVV	189269	341375	6.15%	0.643%
62	23.821	3519	3525	3536	rVB	1082743	2215004	39.89%	4.174%
63	24.486	3633	3638	3646	rVB2	165322	328902	5.92%	0.620%
64	25.327	3776	3781	3790	rVB3	157925	371136	6.68%	0.699%

Sum of corrected areas: 53064272

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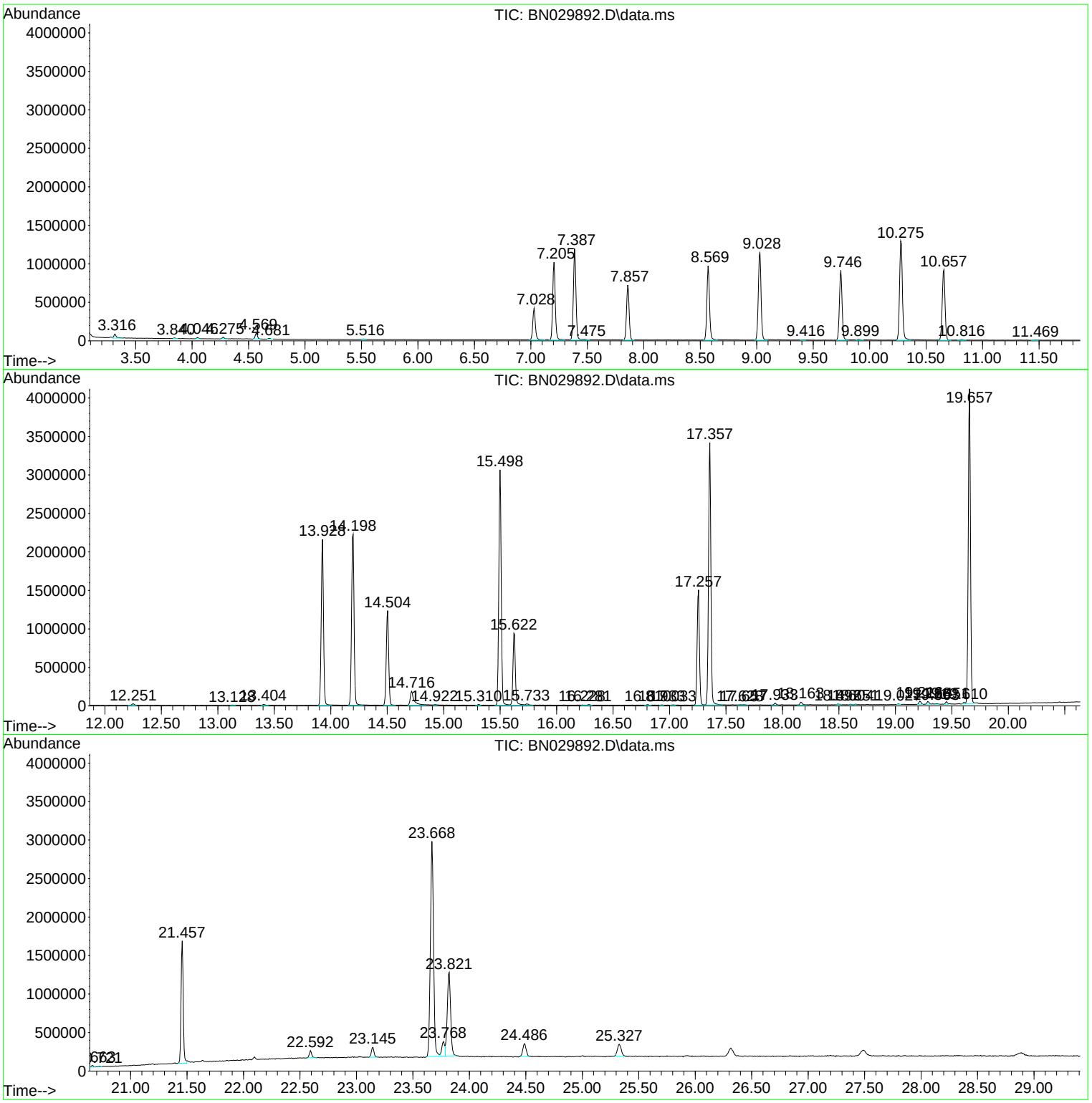
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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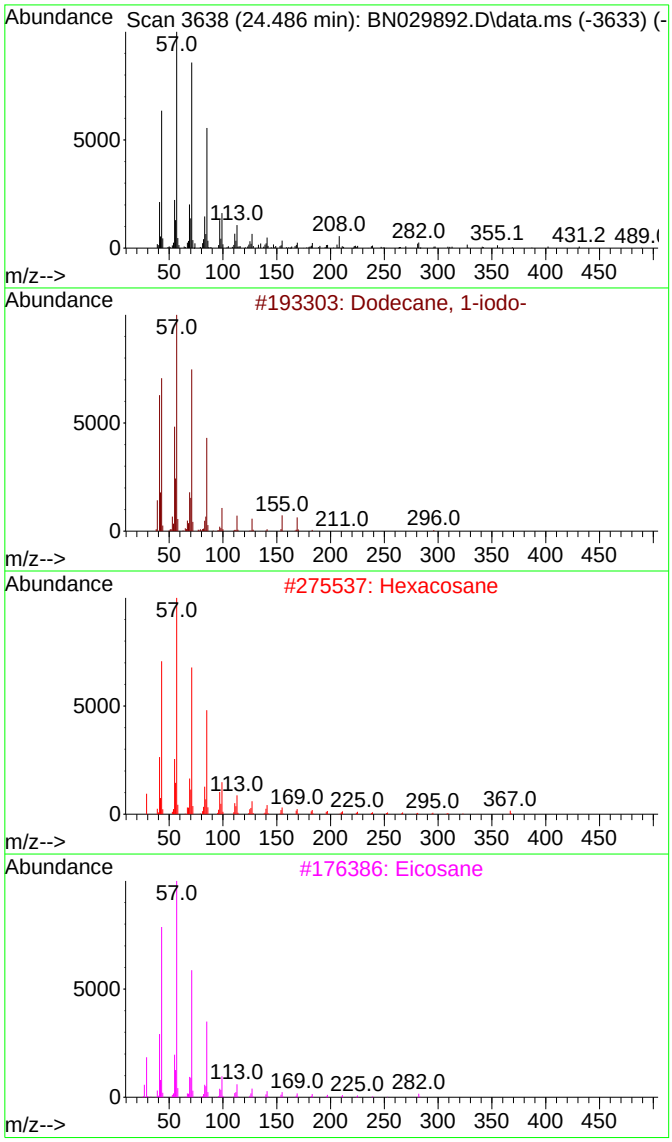
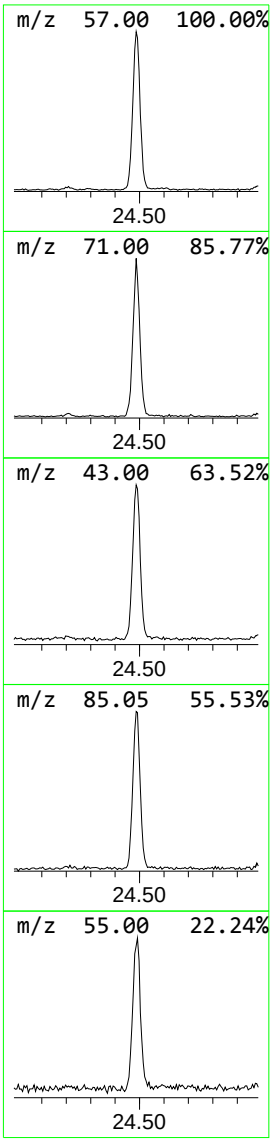
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Dodecane, 1-iodo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.486	2.97 ng/ul	328902	Perylene-d12	23.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	93
2	Hexacosane	366	C26H54	000630-01-3	90
3	Eicosane	282	C20H42	000112-95-8	89
4	Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5	Heptacosane	380	C27H56	000593-49-7	87





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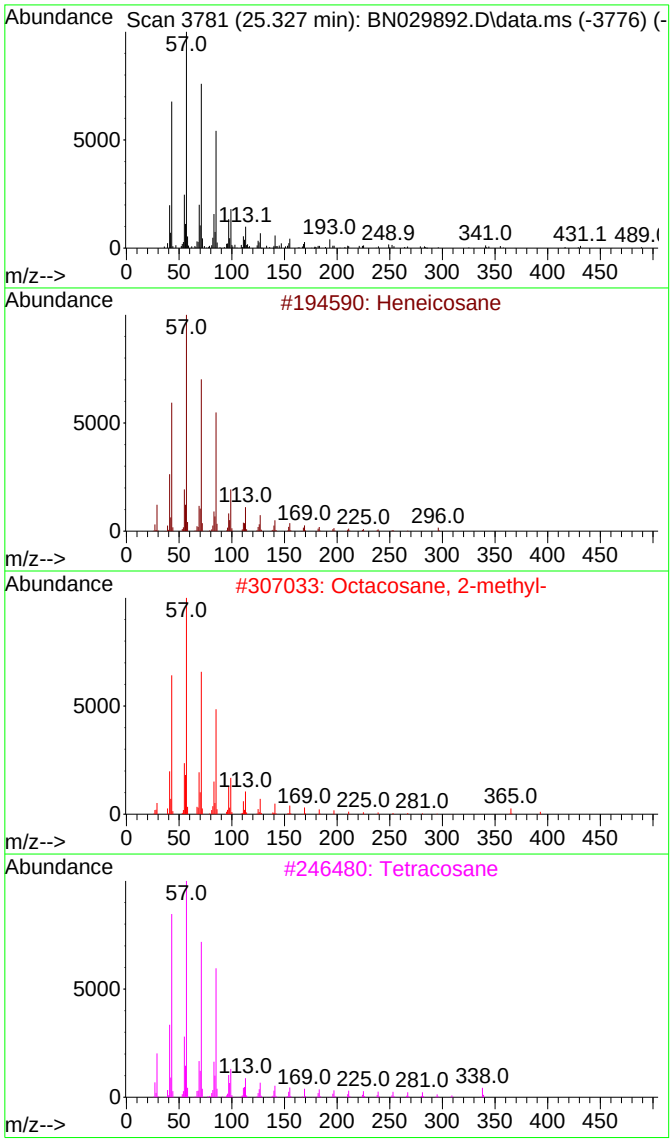
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

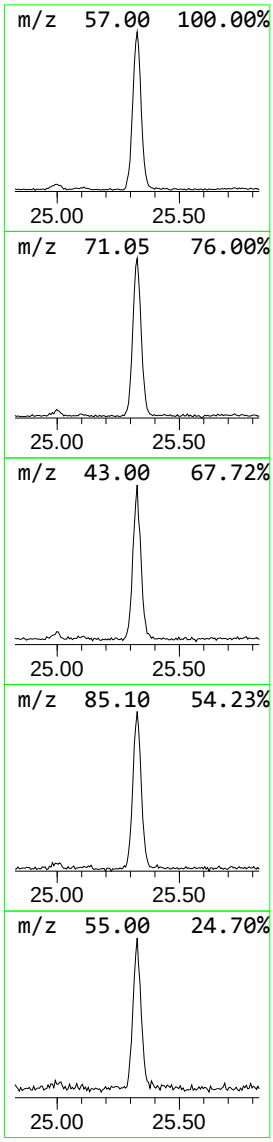
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.327	3.35 ng/ul	371136	Perylene-d12	23.815

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heptacosane	380	C27H56	000593-49-7	91
5	Heptacosane	380	C27H56	000593-49-7	91





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dodecane, 1-iodo-	24.486	3.0	ng/ul	328902	6	23.815	2215000	20.0
(DEL) Alkane: S...	25.327	3.4	ng/ul	371136	6	23.815	2215000	20.0