LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083021\
Data File : BM032010.D
Acq On : 01 Sep 2021 07:21
Operator : CG/JU
Sample : M3494-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YAS57

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\SFAM-EPA-BM082821.M
Title : SVOA CALIBRATION

Signal : TIC: BM032010.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.128	5	7	15	rVB	16317	24738	0.82%	0.091%
2	3.546	75	78	89	rVB3	11968	26639	0.88%	0.098%
3	5.557	415	420	424	rBV5	2084	3476	0.11%	0.013%
4	6.698	608	614	626	rVB2	67341	119998	3.96%	0.443%
5	6.857	635	641	657	rBV	241048	401631	13.27%	1.482%
6	7.040	666	672	685	rBV	269118	427907	14.14%	1.579%
7	7.498	744	750	761	rBV	304860	483661	15.98%	1.784%
8	7.857	803	811	823	rVB	257848	408601	13.50%	1.507%
9	8.216	865	872	883	rBV	204896	349780	11.56%	1.290%
10	8.651	939	946	957	rBV	370502	594946	19.66%	2.195%
11	8.828	971	976	983	rVB6	1948	3418	0.11%	0.013%
12	9.022	1005	1009	1011	rBV5	2835	3506	0.12%	0.013%
13	9.363	1058	1067	1082	rBV	297957	501653	16.57%	1.851%
14	9.657	1112	1117	1123	rBV2	12872	19395	0.64%	0.072%
15	9.804	1138	1142	1145	rBV4	2547	3060	0.10%	0.011%
16	9.892	1150	1157	1175	rBV	411496	747347	24.69%	2.757%
17	10.257	1212	1219	1230	rBV	450826	745423	24.63%	2.750%
18	10.416	1239	1246	1263	rBV	185498	352125	11.63%	1.299%
19	11.098	1354	1362	1365	rBV5	2015	3479	0.11%	0.013%
20	11.863	1487	1492	1499	rVB2	6479	11081	0.37%	0.041%
21	12.739	1636	1641	1646	rBV4	2048	3369	0.11%	0.012%
22	13.039	1688	1692	1697	rBV6	6431	9741	0.32%	0.036%
23	13.569	1775	1782	1786	rBV	975573	1339546	44.26%	4.942%
24	13.616	1786	1790	1802	rVB	206375	286927	9.48%	1.059%
25	13.827	1818	1826	1837	rBV	1093744	1601803	52.92%	5.909%
26	14.139	1872	1879	1887	rBV	796366	1145940	37.86%	4.228%
27	14.204	1887	1890	1895	rVB2	22293	30131	1.00%	0.111%
28	14.368	1913	1918	1919	rBV4	3782	5107	0.17%	0.019%
29	14.404	1919	1924	1940	rVB3	34118	95276	3.15%	0.351%
30	14.592	1952	1956	1962	rVB3	3597	4746	0.16%	0.018%
31	14.957	2015	2018	2022	rBV	4054	4468	0.15%	0.016%
32	15.145	2043	2050	2062	rBV	1457403	2069625	68.38%	7.635%
33	15.292	2069	2075	2088	rBV	427189	632987	20.91%	2.335%
34	15.386	2088	2091	2096	rVB3	10605	14801	0.49%	0.055%
35	15.833	2164	2167	2172	rBV5	3588	4830	0.16%	0.018%
36	15.933	2182	2184	2189	rVB5	3775	3868	0.13%	0.014%

LSC Area Percent Report

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Sample : M3494-06
Misc :
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Instrument : BNA_M
ClientSampleId : YAS57

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\SFAM-EPA-BM082821.M
Title : SVOA CALIBRATION

37	16.127	2214	2217	2223	rBV4	5415	7139	0.24%	0.026%
38	16.633	2300	2303	2307	rBV5	2308	3225	0.11%	0.012%
39	16.680	2307	2311	2317	rBV4	5367	8761	0.29%	0.032%
40	16.898	2342	2348	2357	rBV	1044186	1426063	47.12%	5.261%
41	16.998	2357	2365	2375	rBV	1793943	2456473	81.16%	9.062%
42	17.209	2396	2401	2403	rBV3	4019	5948	0.20%	0.022%
43	17.315	2415	2419	2426	rVB8	4381	9014	0.30%	0.033%
44	17.439	2439	2440	2445	rVB5	2594	3585	0.12%	0.013%
45	17.515	2448	2453	2455	rBV5	1829	3100	0.10%	0.011%
46	17.686	2480	2482	2488	rVB6	3786	3595	0.12%	0.013%
47	17.815	2499	2504	2513	rBV	164981	225788	7.46%	0.833%
48	17.886	2513	2516	2521	rVB5	6014	9515	0.31%	0.035%
49	18.021	2537	2539	2543	rVB5	3410	3112	0.10%	0.011%
50	18.056	2543	2545	2548	rBV3	3109	4272	0.14%	0.016%
51	18.104	2550	2553	2556	rBV5	4095	5665	0.19%	0.021%
52	18.192	2564	2568	2572	rBV7	2852	3955	0.13%	0.015%
53	18.239	2574	2576	2581	rVB5	3661	4349	0.14%	0.016%
54	18.292	2581	2585	2590	rBV2	10994	15697	0.52%	0.058%
55	18.398	2600	2603	2606	rBV5	4535	6420	0.21%	0.024%
56	18.562	2625	2631	2636	rBV	65818	93056	3.07%	0.343%
57	18.603	2636	2638	2642	rVV3	5554	7772	0.26%	0.029%
58	18.651	2643	2646	2650	rVB4	10460	12842	0.42%	0.047%
59	18.721	2655	2658	2659	rVV3	4150	5189	0.17%	0.019%
60	18.745	2660	2662	2666	rVB4	7002	9284	0.31%	0.034%
61	18.862	2678	2682	2687	rVB4	19665	26241	0.87%	0.097%
62	18.939	2687	2695	2696	rBV2	20114	28977	0.96%	0.107%
63	19.103	2719	2723	2730	rBV	63521	91484	3.02%	0.337%
64	19.203	2737	2740	2744	rVB4	9995	14588	0.48%	0.054%
65	19.303	2749	2757	2766	rVV	2297846	3026596	100.00%	11.165%
66	19.374	2766	2769	2774	rVB4	28045	33407	1.10%	0.123%
67	19.721	2826	2828	2833	rBV5	4378	7409	0.24%	0.027%
68	19.874	2848	2854	2859	rVB3	32759	47382	1.57%	0.175%
69	20.256	2917	2919	2925	rVB3	23401	28703	0.95%	0.106%
70	20.368	2934	2938	2943	rBV2	63414	79337	2.62%	0.293%
71	20.839	3014	3018	3029	rBV	303570	462658	15.29%	1.707%
72	21.103	3058	3063	3071	rBV	1307991	1627676	53.78%	6.005%
73	21.274	3089	3092	3097	rVB	94859	97081	3.21%	0.358%
74	21.692	3160	3163	3167	rBV2	95074	108503	3.58%	0.400%
75	22.133	3235	3238	3243	rVB	102641	125701	4.15%	0.464%
76	22.615	3316	3320	3327	rBV2	107449	136237	4.50%	0.503%

LSC Area Percent Report

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Instrument : BNA_M
ClientSampleId : YAS57

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
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Title : SVOA CALIBRATION

77	23.109	3397	3404	3416	rVB2	1466600	2746236	90.74%	10.131%
78	23.244	3420	3427	3437	rVB2	760749	1410550	46.61%	5.204%
79	23.744	3508	3512	3517	rVB2	111841	189175	6.25%	0.698%

Sum of corrected areas: 27106789

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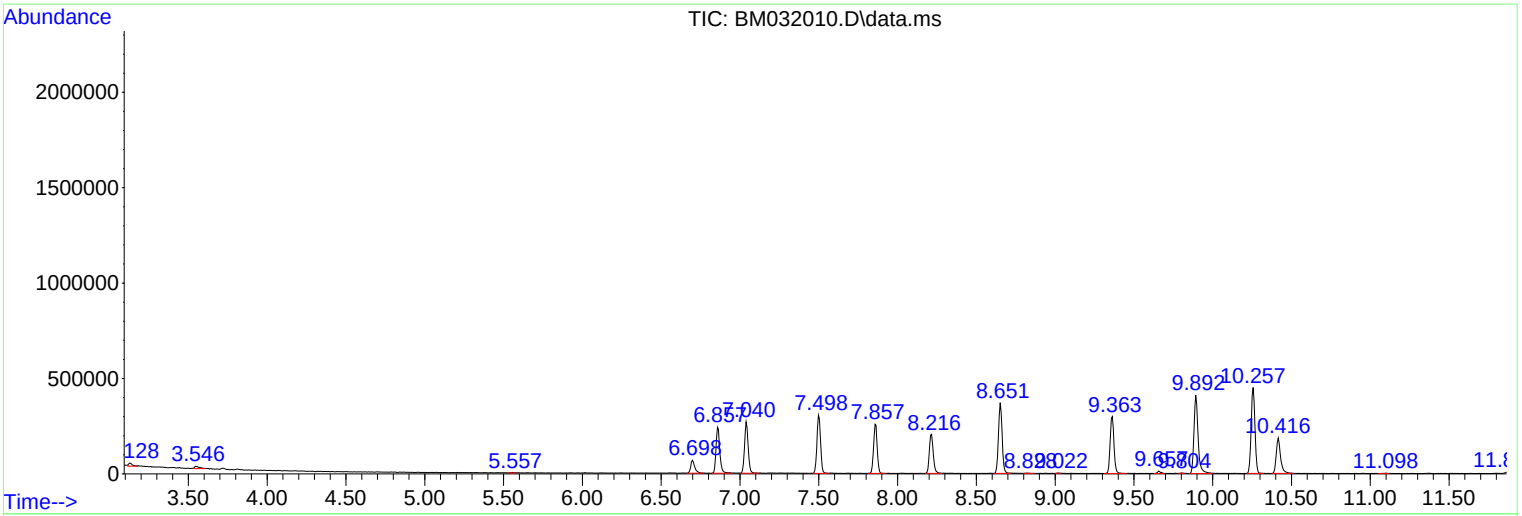
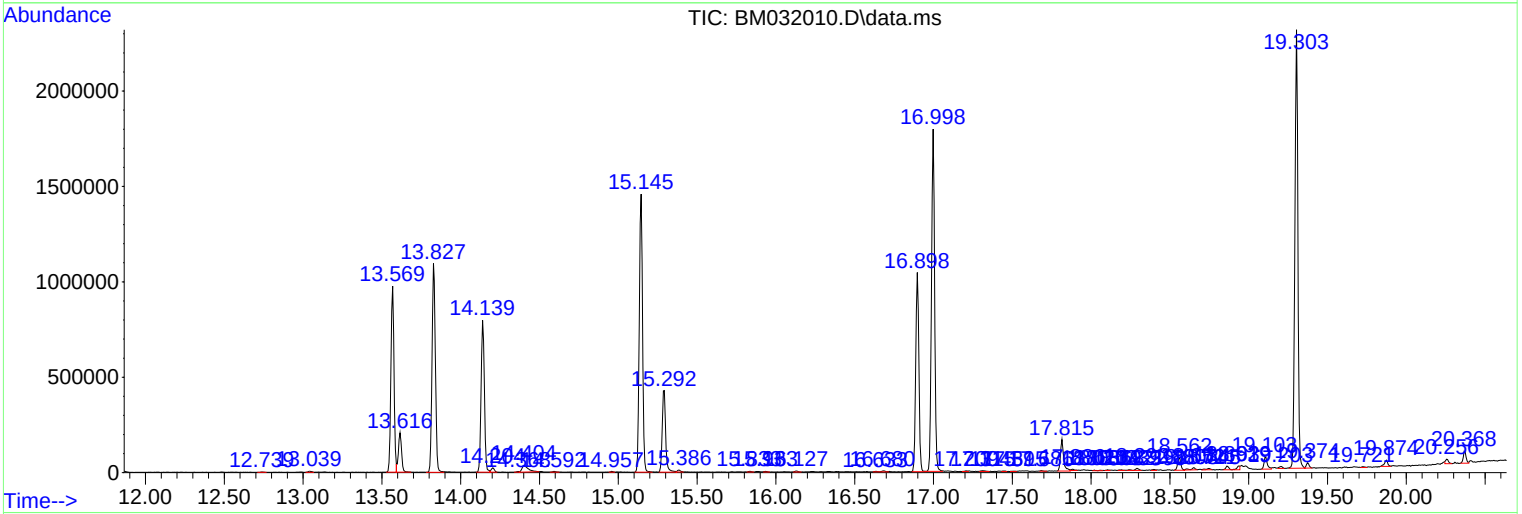
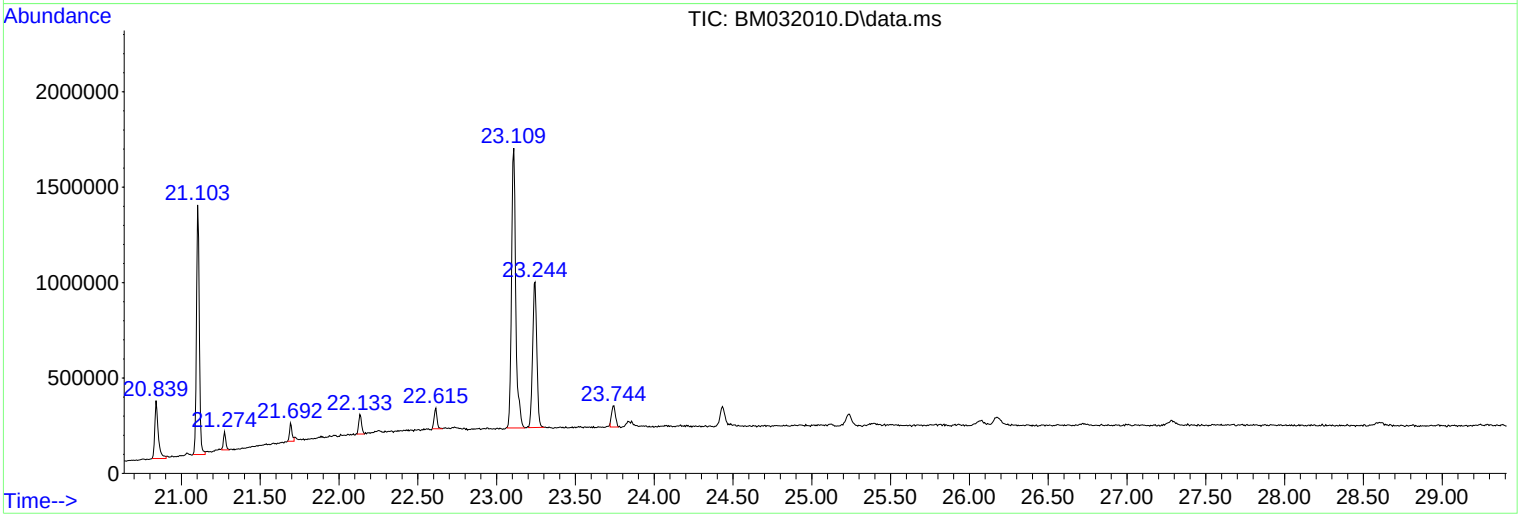
Instrument :
BNA_M
ClientSampleId :
YAS57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

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







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Quant Title : SVOA CALIBRATION

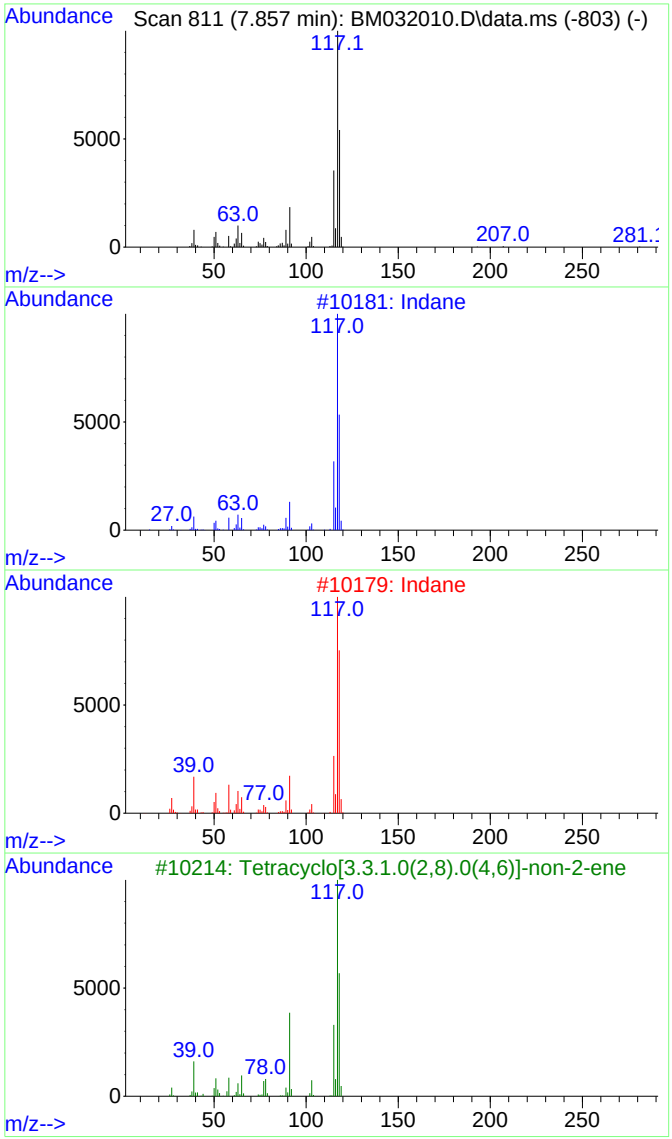
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

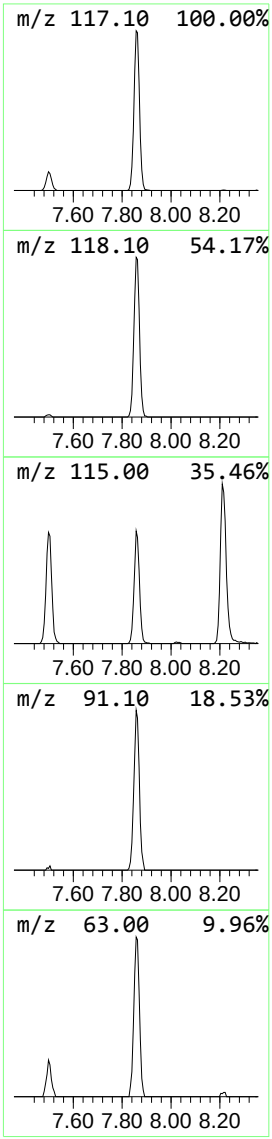
****

Peak Number 1 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.857	16.90 ng/ul	408601	1,4-Dichlorobenzene-d4	7.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	93
3	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
4	Benzene, 1-propenyl-	118	C9H10	000637-50-3	74
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

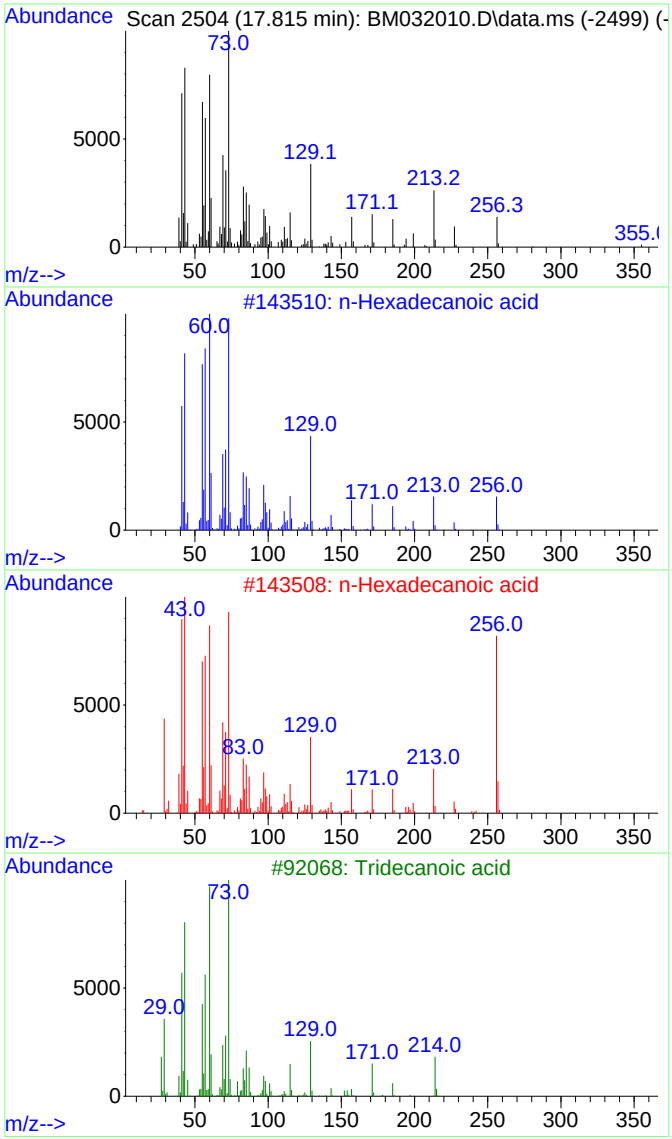
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

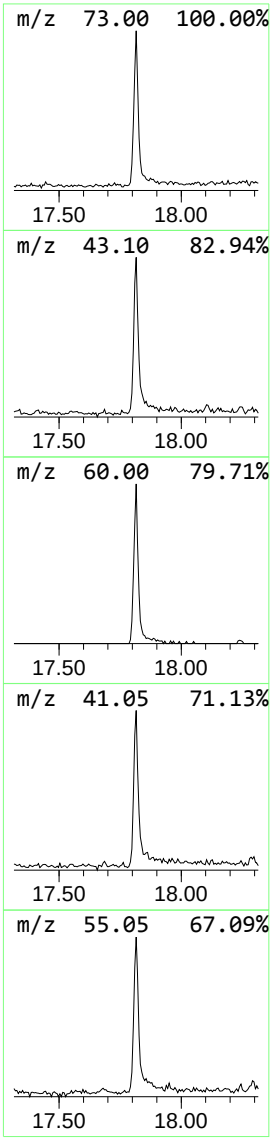
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.815	3.17 ng/ul	225788	Phenanthrene-d10	16.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	89
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83





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ClientSampleId :
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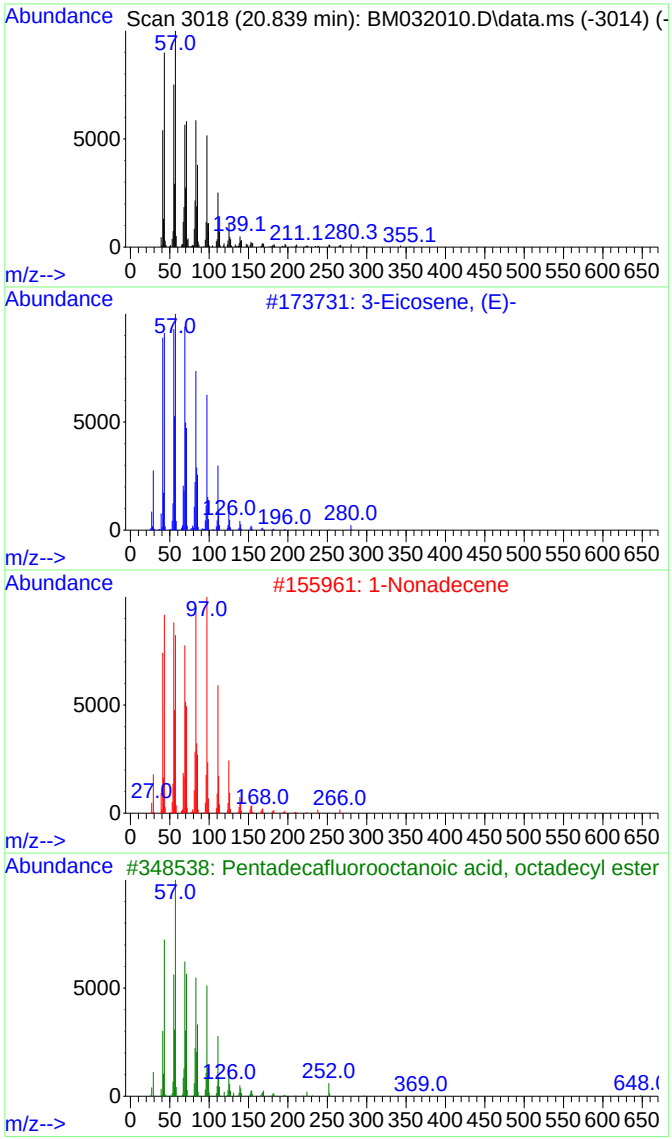
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.M
Quant Title : SVOA CALIBRATION

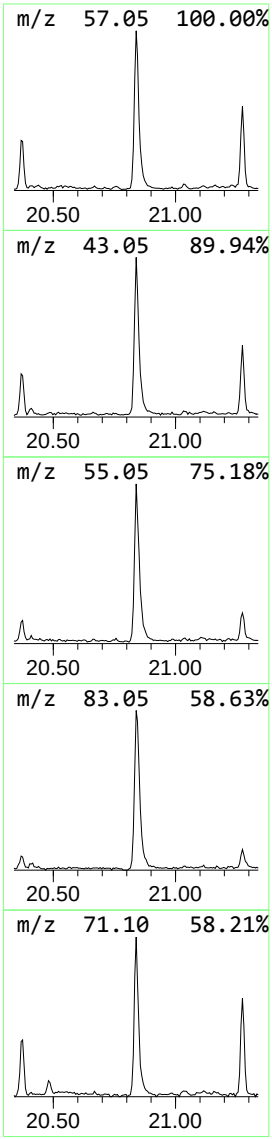
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.839	5.68 ng/ul	462658	Chrysene-d12	21.103

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	1-Nonadecene	266	C19H38	018435-45-5	95
3	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	94
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	93
5	17-Pentatriacontene	491	C35H70	006971-40-0	91





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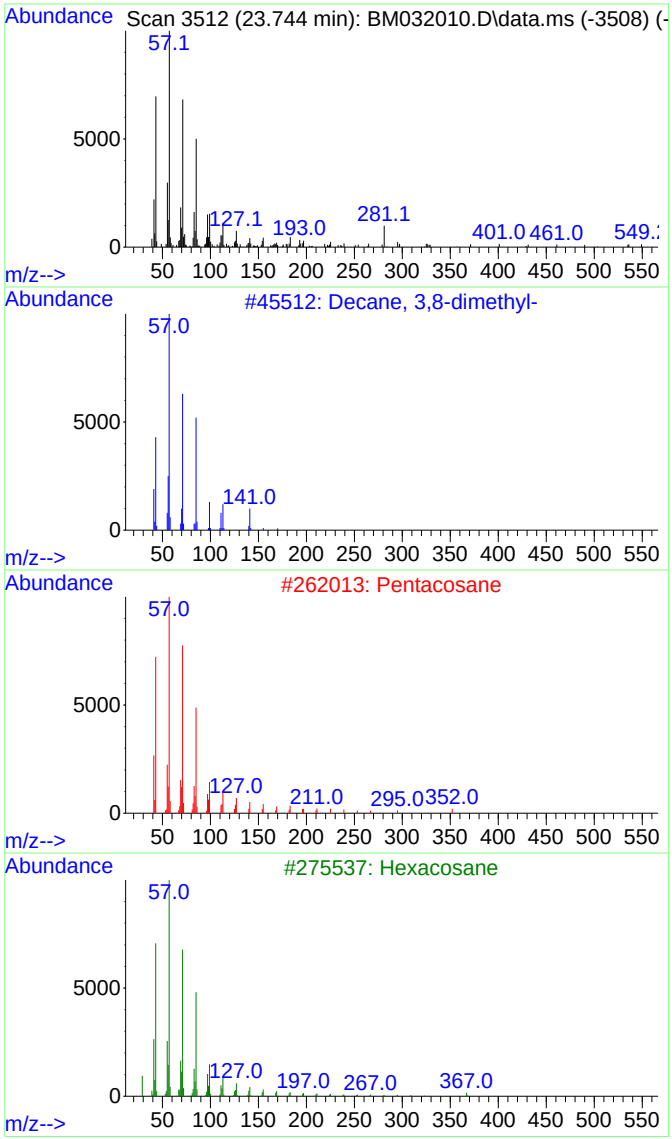
Quant Title : SVOA CALIBRATION

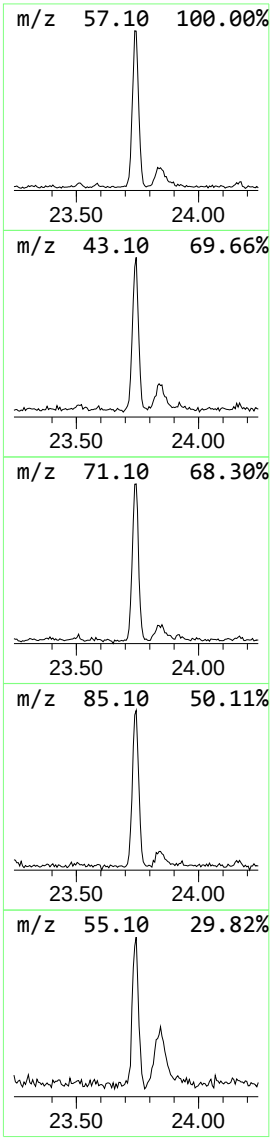
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.744	2.68 ng/ul	189175	Perylene-d12	23.244

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	76
2	Pentacosane	352	C25H52	000629-99-2	76
3	Hexacosane	366	C26H54	000630-01-3	76
4	Tetracosane	338	C24H50	000646-31-1	76
5	Hentriacontane	437	C31H64	000630-04-6	68





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_M
ClientSampleId : YAS57

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM082821.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
Indane	7.857	16.9	ng/ul	408601	1	7.498	483661	20.0
n-Hexadecanoic ...	17.815	3.2	ng/ul	225788	4	16.898	1426060	20.0
(DEL) Alkane: S...	20.839	5.7	ng/ul	462658	5	21.103	1627680	20.0
(DEL) Alkane: S...	23.744	2.7	ng/ul	189175	6	23.244	1410550	20.0