LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
Data File : BN031118.D
Acq On : 22 Apr 2024 12:14
Operator : MA/JU
Sample : P2170-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EZZZ7

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-BN041924.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN031118.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.146	23	27	33	rBV2	13298	18628	0.50%	0.057%
2	3.557	94	97	108	rBV	96038	175277	4.72%	0.536%
3	3.652	110	113	119	rVB	22578	35152	0.95%	0.107%
4	3.863	146	149	154	rVB	8034	12016	0.32%	0.037%
5	4.775	298	304	306	rBV4	3835	6126	0.17%	0.019%
6	4.869	316	320	328	rBV6	3723	6150	0.17%	0.019%
7	5.640	446	451	455	rBV6	3584	6114	0.16%	0.019%
8	6.804	642	649	663	rBV	294600	520637	14.02%	1.591%
9	6.975	672	678	689	rVV	259653	404847	10.91%	1.237%
10	7.163	703	710	720	rBV	310597	486151	13.10%	1.486%
11	7.245	721	724	728	rVB4	3911	4695	0.13%	0.014%
12	7.634	780	790	797	rBV	368966	602303	16.22%	1.841%
13	8.340	902	910	921	rBV	237932	398925	10.75%	1.219%
14	8.451	921	929	938	rVV	152560	248110	6.68%	0.758%
15	8.787	978	986	1001	rBV	303365	504095	13.58%	1.540%
16	8.957	1012	1015	1018	rVB5	3125	4147	0.11%	0.013%
17	9.181	1046	1053	1057	rVB4	6595	10541	0.28%	0.032%
18	9.357	1078	1083	1088	rVB7	4356	6752	0.18%	0.021%
19	9.504	1100	1108	1115	rBV	226685	375763	10.12%	1.148%
20	9.651	1126	1133	1142	rBV3	16385	38743	1.04%	0.118%
21	9.863	1164	1169	1174	rBV2	12972	23418	0.63%	0.072%
22	9.910	1174	1177	1183	rVB2	5067	7821	0.21%	0.024%
23	10.034	1191	1198	1211	rBV	412176	673823	18.15%	2.059%
24	10.204	1220	1227	1228	rBV6	2966	5733	0.15%	0.018%
25	10.410	1253	1262	1272	rBV	594589	963230	25.95%	2.943%
26	10.557	1280	1287	1306	rBV	302869	543249	14.63%	1.660%
27	10.963	1350	1356	1362	rBV8	8484	16516	0.44%	0.050%
28	11.157	1384	1389	1394	rBV2	11057	20526	0.55%	0.063%
29	11.204	1394	1397	1403	rVB2	6954	11758	0.32%	0.036%
30	11.786	1490	1496	1503	rBV5	4729	11047	0.30%	0.034%
31	12.004	1529	1533	1538	rVB4	8246	12952	0.35%	0.040%
32	13.098	1714	1719	1726	rBV6	4746	7738	0.21%	0.024%
33	13.175	1726	1732	1736	rBV4	7557	13344	0.36%	0.041%
34	13.692	1814	1820	1830	rBV	830272	1136838	30.62%	3.474%
35	13.969	1857	1867	1879	rBV	971838	1390116	37.45%	4.248%
36	14.110	1886	1891	1893	rVB6	2581	3944	0.11%	0.012%

LSC Area Percent Report

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Sample : P2170-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EZZZ7

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-BN041924.MA.M
Title : SVOA CALIBRATION

37	14.180	1899	1903	1906	rVB4	2899	4710	0.13%	0.014%
38	14.274	1913	1919	1928	rBV	937738	1381685	37.22%	4.222%
39	14.339	1928	1930	1935	rVV5	3858	4870	0.13%	0.015%
40	14.492	1950	1956	1975	rBV	300536	570395	15.36%	1.743%
41	14.651	1979	1983	1986	rVV4	9625	17430	0.47%	0.053%
42	14.704	1990	1992	1997	rVB6	6078	9423	0.25%	0.029%
43	15.139	2062	2066	2068	rVB3	3679	4589	0.12%	0.014%
44	15.274	2082	2089	2097	rBV	1376280	1903748	51.28%	5.817%
45	15.398	2104	2110	2116	rBV	227274	321850	8.67%	0.984%
46	15.516	2124	2130	2133	rBV6	6160	9728	0.26%	0.030%
47	15.545	2133	2135	2139	rVB5	3763	3854	0.10%	0.012%
48	15.998	2209	2212	2215	rBV4	5736	8850	0.24%	0.027%
49	16.063	2220	2223	2226	rVB5	4679	5716	0.15%	0.017%
50	16.186	2241	2244	2248	rBV6	2221	4320	0.12%	0.013%
51	16.433	2284	2286	2291	rVB6	4935	6884	0.19%	0.021%
52	16.498	2294	2297	2301	rBV5	4642	6232	0.17%	0.019%
53	16.580	2306	2311	2314	rBV2	12687	17804	0.48%	0.054%
54	16.792	2344	2347	2353	rBV6	6165	12027	0.32%	0.037%
55	16.957	2372	2375	2378	rVB5	4182	4518	0.12%	0.014%
56	17.027	2381	2387	2392	rBV	1313864	1836327	49.47%	5.611%
57	17.068	2392	2394	2398	rVV	81579	99448	2.68%	0.304%
58	17.127	2398	2404	2414	rVB	1598417	2191960	59.05%	6.698%
59	17.421	2449	2454	2468	rVV2	73329	164874	4.44%	0.504%
60	17.533	2470	2473	2475	rBV4	6330	7160	0.19%	0.022%
61	17.704	2498	2502	2506	rVB6	9980	14222	0.38%	0.043%
62	17.804	2515	2519	2523	rBV4	12045	18722	0.50%	0.057%
63	17.927	2532	2540	2549	rBV2	129598	234069	6.31%	0.715%
64	18.098	2565	2569	2572	rBV4	14087	22812	0.61%	0.070%
65	18.227	2589	2591	2593	rBV2	5336	4297	0.12%	0.013%
66	18.263	2594	2597	2600	rVV3	8701	11250	0.30%	0.034%
67	18.363	2609	2614	2618	rBV	206591	240123	6.47%	0.734%
68	18.410	2618	2622	2626	rVV2	30214	47477	1.28%	0.145%
69	18.457	2627	2630	2634	rVV6	17181	26246	0.71%	0.080%
70	18.510	2635	2639	2645	rVB	39522	53713	1.45%	0.164%
71	18.657	2661	2664	2668	rVB2	16735	20802	0.56%	0.064%
72	18.710	2669	2673	2675	rBV	25120	35006	0.94%	0.107%
73	18.739	2675	2678	2682	rVV3	43468	63320	1.71%	0.193%
74	18.780	2682	2685	2688	rVB4	14298	17223	0.46%	0.053%
75	18.827	2689	2693	2697	rBV	49799	72400	1.95%	0.221%
76	18.880	2698	2702	2706	rVV2	23967	41158	1.11%	0.126%

LSC Area Percent Report

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Sample : P2170-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EZZZ7

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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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Title : SVOA CALIBRATION

77	18.921	2706	2709	2712	rVV3	18926	23406	0.63%	0.072%
78	18.992	2713	2721	2730	rVV10	61646	201818	5.44%	0.617%
79	19.092	2734	2738	2744	rVB	259273	341604	9.20%	1.044%
80	19.215	2756	2759	2766	rVB3	53837	73050	1.97%	0.223%
81	19.374	2784	2786	2789	rVB4	25704	22904	0.62%	0.070%
82	19.427	2790	2795	2803	rBV	2186937	3510836	94.57%	10.728%
83	19.486	2803	2805	2810	rVV	281554	407930	10.99%	1.247%
84	19.539	2811	2814	2819	rVB2	81953	119985	3.23%	0.367%
85	19.657	2832	2834	2838	rVB2	32041	37539	1.01%	0.115%
86	20.115	2909	2912	2916	rVB	59041	74086	2.00%	0.226%
87	20.257	2934	2936	2939	rVB2	37594	31391	0.85%	0.096%
88	20.962	3052	3056	3063	rBV4	124506	253269	6.82%	0.774%
89	21.268	3101	3108	3112	rBV	1709650	2725952	73.43%	8.330%
90	23.968	3559	3567	3575	rBV	1625234	3712326	100.00%	11.344%
91	24.168	3593	3601	3611	rBV	1207726	2960226	79.74%	9.046%

Sum of corrected areas: 32724789

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
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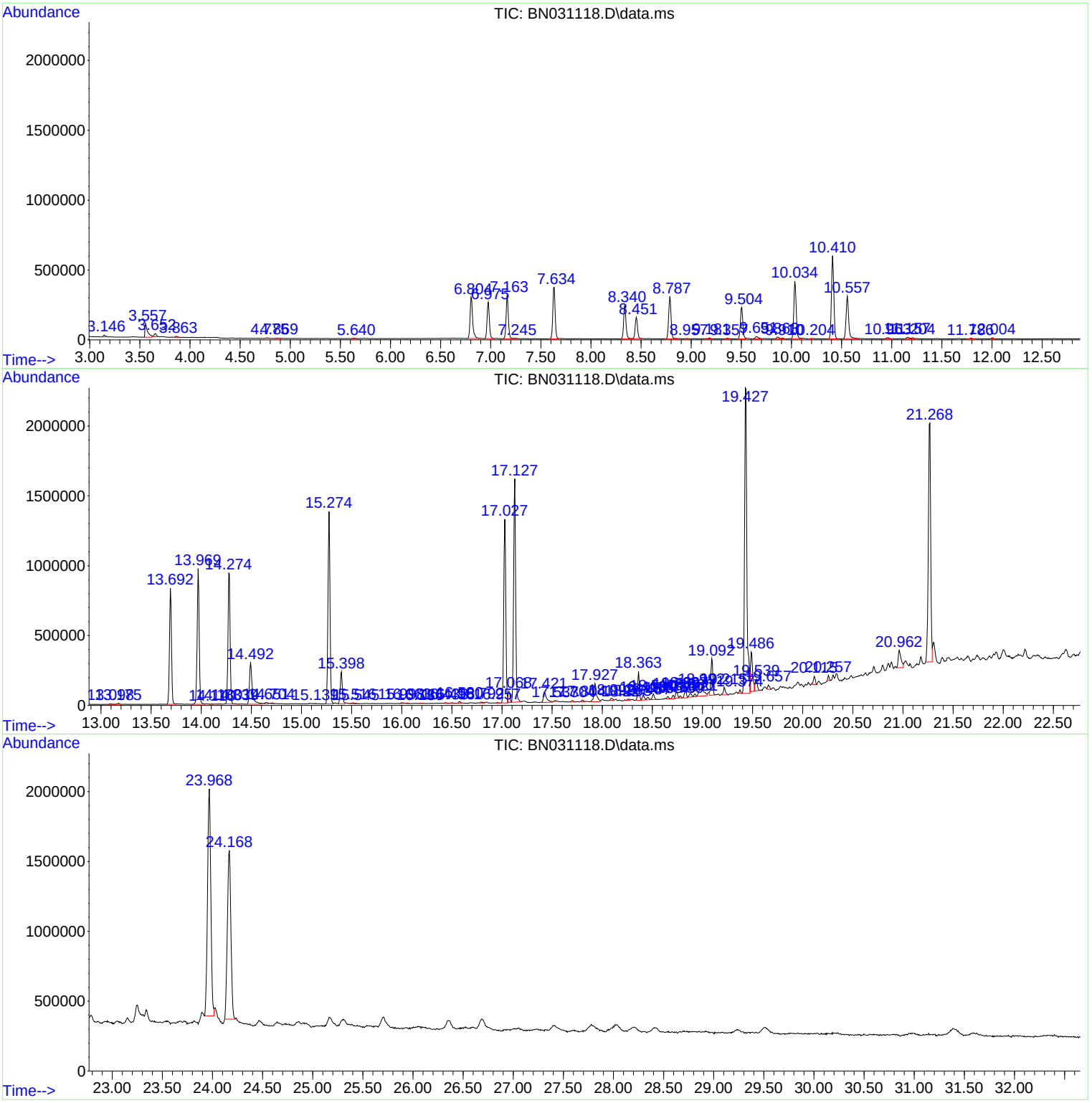
Sample : P2170-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EZZZ7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
Data File : BN031118.D
Acq On : 22 Apr 2024 12:14
Operator : MA/JU
Sample : P2170-03
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Instrument :
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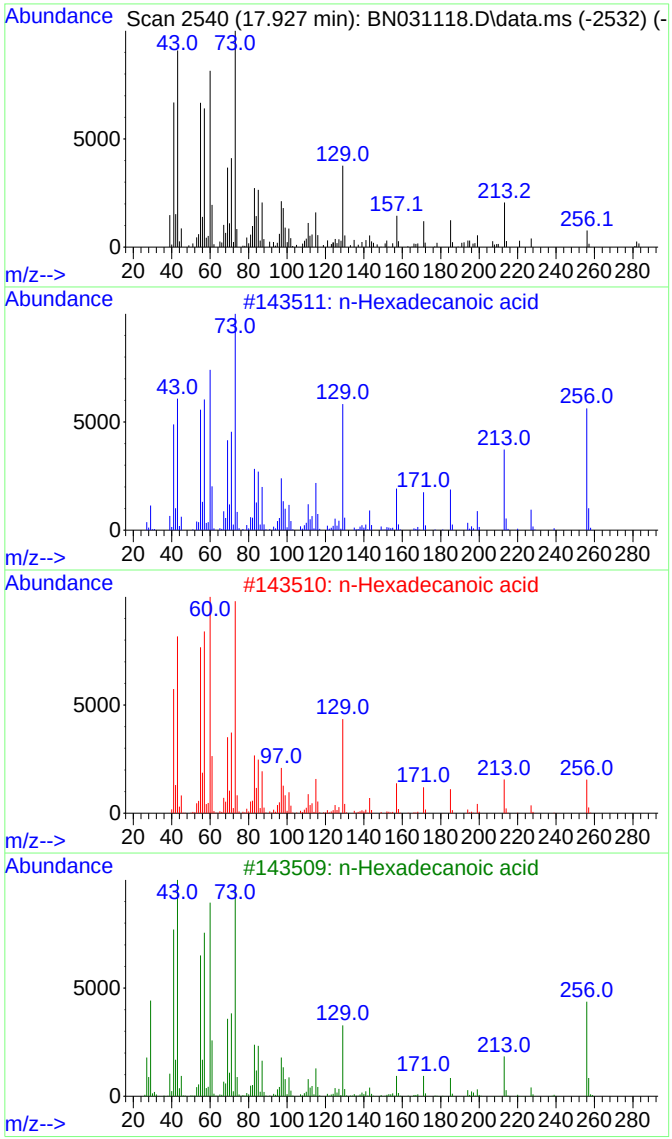
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

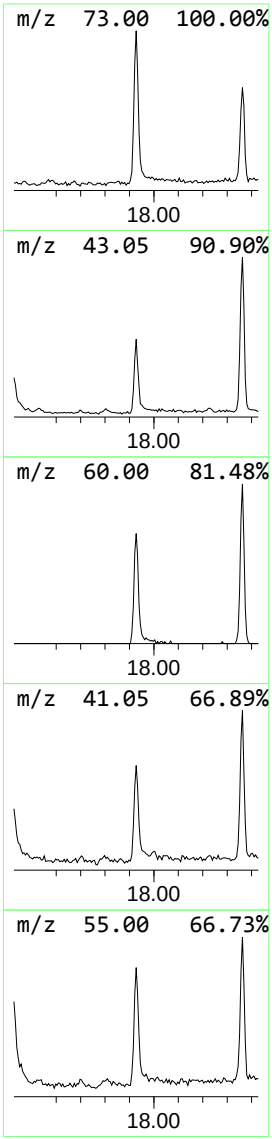
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	2.55 ng/ul	234069	Phenanthrene-d10	17.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042224\
Data File : BN031118.D
Acq On : 22 Apr 2024 12:14
Operator : MA/JU
Sample : P2170-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EZZZ7

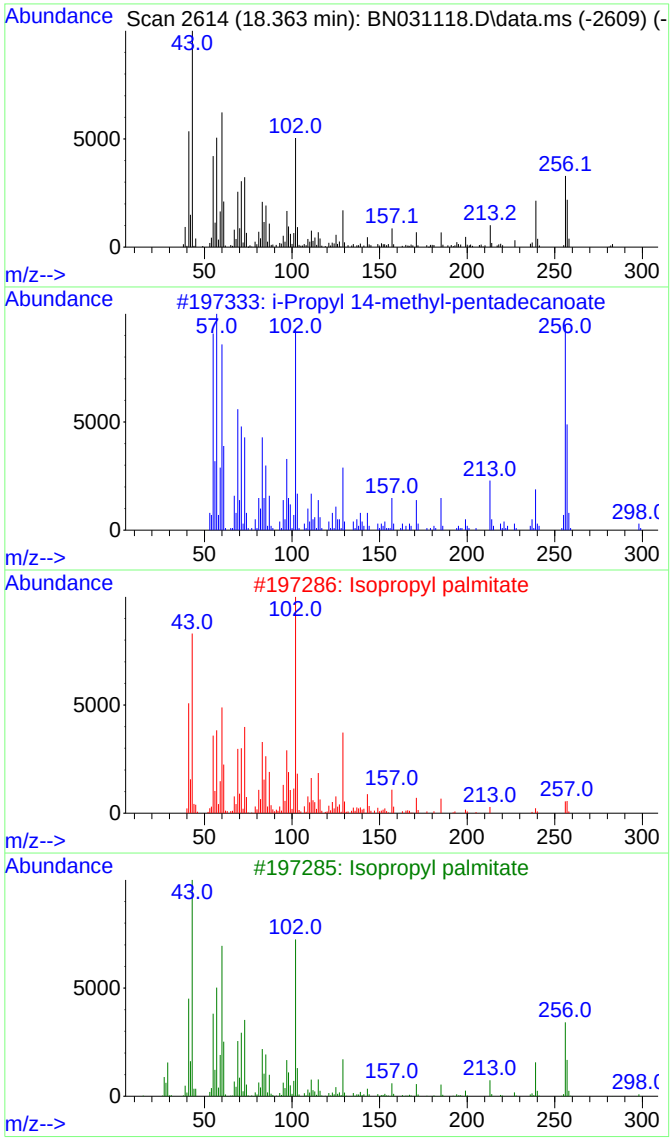
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

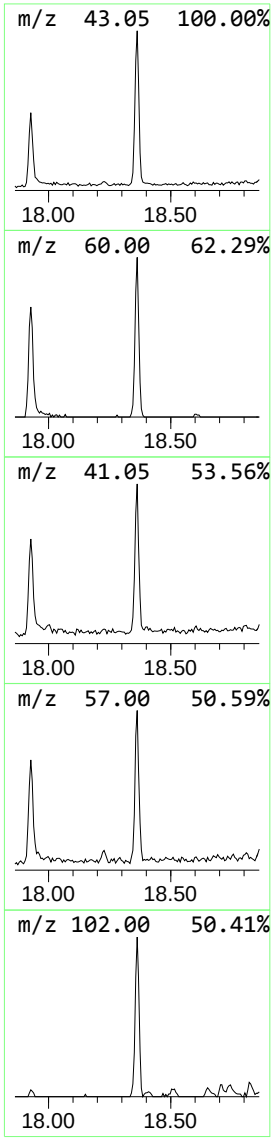
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 i-Propyl 14-methyl-pentadec... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.363	2.62 ng/ul	240123	Phenanthrene-d10	17.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	i-Propyl 14-methyl-pentadecanoate	298	C19H38O2	1000336-62-4	90
2	Isopropyl palmitate	298	C19H38O2	000142-91-6	87
3	Isopropyl palmitate	298	C19H38O2	000142-91-6	87
4	Isopropyl palmitate	298	C19H38O2	000142-91-6	62
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	59





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Sample : P2170-03
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

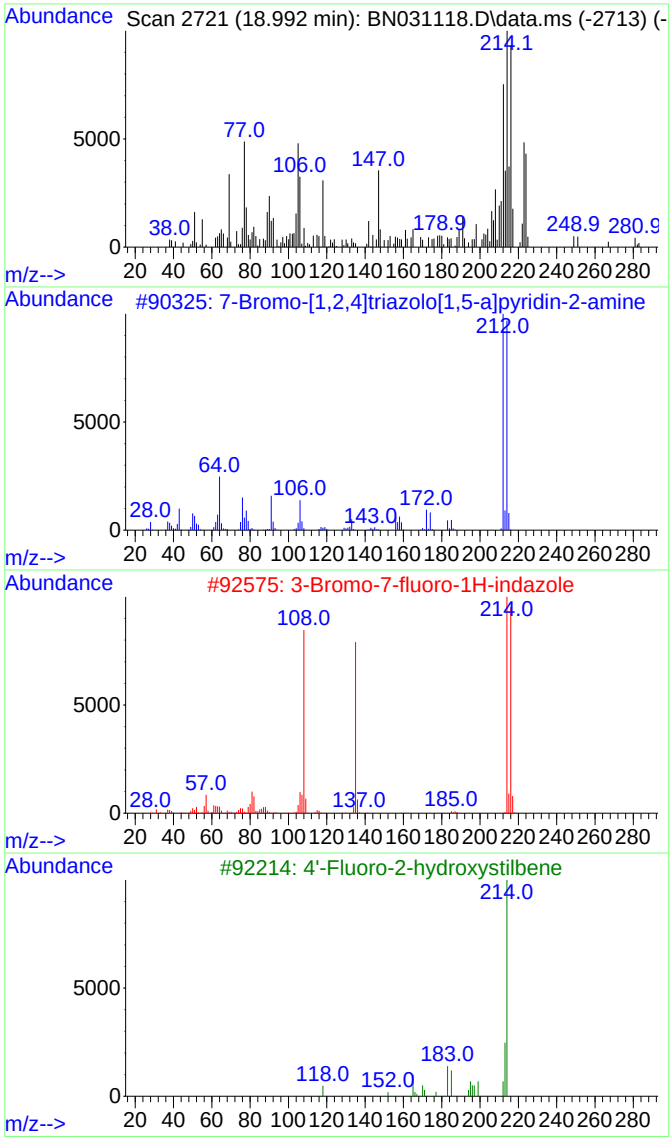
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

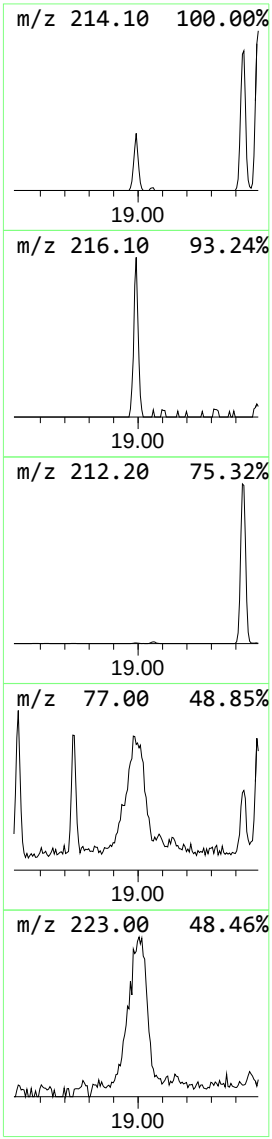
****

Peak Number 3 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	2.20 ng/ul	201818	Phenanthrene-d10	17.027

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Bromo-[1,2,4]triazolo[1,5-a]py...	212	C6H5BrN4	882521-63-3	30
2	3-Bromo-7-fluoro-1H-indazole	214	C7H4BrFN2	1257853-72-7	27
3	4'-Fluoro-2-hydroxystilbene	214	C14H11FO	1000147-76-7	25
4	2H-1-Benzopyran-2-one, 4-methyl-...	216	C13H12O3	003993-57-5	15
5	2-(Pyridin-4-yl)-1,3-benzothiazole	212	C12H8N2S	002295-38-7	15





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.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
n-Hexadecanoic ...	17.927	2.5	ng/ul	234069	4	17.027	1836330	20.0
i-Propyl 14-met...	18.363	2.6	ng/ul	240123	4	17.027	1836330	20.0
unknown-01	18.992	2.2	ng/ul	201818	4	17.027	1836330	20.0