LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022124.D
Acq On : 14 Oct 2022 14:57
Operator : CG/JU
Sample : N5049-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BM0

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-BN101222.M
Title : SVOA CALIBRATION

Signal : TIC: BN022124.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.252	42	45	57	rVB	28013	42312	1.20%	0.087%
2	3.723	123	125	132	rVV	12618	22786	0.64%	0.047%
3	3.811	136	140	147	rVB	15101	22446	0.63%	0.046%
4	3.934	154	161	167	rVB2	26971	47707	1.35%	0.098%
5	4.028	173	177	185	rVB	24353	35237	1.00%	0.073%
6	4.987	335	340	352	rVB	21728	40853	1.16%	0.084%
7	5.540	430	434	442	rBV	17395	32627	0.92%	0.067%
8	5.922	492	499	504	rVV	26373	40630	1.15%	0.084%
9	6.928	663	670	675	rBV4	8559	20485	0.58%	0.042%
10	7.111	690	701	717	rVV	571871	976914	27.62%	2.017%
11	7.281	724	730	744	rVB	466607	743291	21.02%	1.534%
12	7.481	756	764	774	rBV	542031	895678	25.33%	1.849%
13	7.593	780	783	789	rVB	15648	23960	0.68%	0.049%
14	7.958	834	845	852	rBV	560344	916635	25.92%	1.892%
15	8.505	930	938	949	rVB7	7757	19035	0.54%	0.039%
16	8.675	960	967	977	rBV	670013	1067025	30.17%	2.203%
17	8.793	982	987	995	rVV	36146	61188	1.73%	0.126%
18	9.134	1038	1045	1052	rVV	566527	934671	26.43%	1.929%
19	9.528	1102	1112	1116	rBV	10748	20436	0.58%	0.042%
20	9.863	1161	1169	1179	rBV	474554	793501	22.44%	1.638%
21	10.405	1254	1261	1272	rVB	711445	1193085	33.74%	2.463%
22	10.563	1281	1288	1296	rBV	77683	143787	4.07%	0.297%
23	10.787	1315	1326	1332	rBV	895333	1540724	43.57%	3.180%
24	10.834	1332	1334	1340	rVB	41964	56531	1.60%	0.117%
25	10.928	1343	1350	1360	rBV	398895	690695	19.53%	1.426%
26	11.804	1494	1499	1509	rVB4	9751	20243	0.57%	0.042%
27	12.204	1561	1567	1577	rVB2	16312	29986	0.85%	0.062%
28	12.381	1592	1597	1601	rVV2	14054	20474	0.58%	0.042%
29	12.452	1603	1609	1615	rVV	58107	88114	2.49%	0.182%
30	12.669	1641	1646	1653	rVB	46446	73186	2.07%	0.151%
31	12.757	1656	1661	1671	rVB8	13049	23730	0.67%	0.049%
32	12.893	1677	1684	1690	rBV6	12265	23215	0.66%	0.048%
33	13.157	1721	1729	1735	rVV7	8393	19073	0.54%	0.039%
34	13.404	1766	1771	1774	rBV5	13266	25530	0.72%	0.053%
35	13.440	1774	1777	1785	rVB4	22022	42314	1.20%	0.087%
36	13.599	1799	1804	1810	rVV7	7480	19687	0.56%	0.041%

LSC Area Percent Report

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Sample : N5049-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BM0

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-BN101222.M
Title : SVOA CALIBRATION

37	13.657	1810	1814	1824	rVB2	8944	24320	0.69%	0.050%
38	13.781	1829	1835	1848	rBV5	40473	94824	2.68%	0.196%
39	13.904	1851	1856	1859	rBV4	14357	22345	0.63%	0.046%
40	13.951	1859	1864	1868	rVB	34442	54520	1.54%	0.113%
41	14.040	1868	1879	1885	rBV	1292916	1809129	51.16%	3.734%
42	14.187	1899	1904	1907	rBV	20234	28821	0.81%	0.059%
43	14.322	1921	1927	1940	rVB	1460216	2217262	62.70%	4.577%
44	14.516	1956	1960	1965	rVB	21839	29348	0.83%	0.061%
45	14.628	1965	1979	1987	rBV	1424660	2155689	60.95%	4.450%
46	14.834	2003	2014	2024	rBV	612001	947741	26.80%	1.956%
47	14.987	2036	2040	2043	rBV	26856	40201	1.14%	0.083%
48	15.034	2043	2048	2049	rBV3	25691	35683	1.01%	0.074%
49	15.098	2054	2059	2069	rVB6	51077	137540	3.89%	0.284%
50	15.240	2080	2083	2089	rBV2	12204	25924	0.73%	0.054%
51	15.298	2089	2093	2097	rVV3	13609	24897	0.70%	0.051%
52	15.351	2098	2102	2106	rVV6	12272	22085	0.62%	0.046%
53	15.416	2106	2113	2116	rVV4	25195	49494	1.40%	0.102%
54	15.469	2117	2122	2126	rVB2	26974	42250	1.19%	0.087%
55	15.622	2141	2148	2153	rBV	1894205	2700558	76.36%	5.575%
56	15.675	2153	2157	2164	rVV	326483	516181	14.60%	1.066%
57	15.745	2164	2169	2181	rVB	494208	688830	19.48%	1.422%
58	15.869	2185	2190	2194	rBV3	14388	24285	0.69%	0.050%
59	15.975	2199	2208	2214	rBV4	27739	76137	2.15%	0.157%
60	16.122	2229	2233	2242	rVV2	15473	32741	0.93%	0.068%
61	16.198	2243	2246	2252	rVV5	12294	21224	0.60%	0.044%
62	16.351	2265	2272	2278	rBV	54019	114888	3.25%	0.237%
63	16.634	2316	2320	2325	rBV5	14586	25266	0.71%	0.052%
64	16.775	2340	2344	2349	rVB7	12296	20133	0.57%	0.042%
65	16.916	2359	2368	2373	rBV9	25014	72329	2.05%	0.149%
66	17.128	2397	2404	2409	rBV3	49107	99934	2.83%	0.206%
67	17.269	2424	2428	2432	rBV5	23144	31222	0.88%	0.064%
68	17.334	2436	2439	2441	rBV4	16581	19740	0.56%	0.041%
69	17.387	2441	2448	2453	rBV	1706144	2484608	70.26%	5.129%
70	17.428	2453	2455	2458	rVV	71510	80160	2.27%	0.165%
71	17.487	2458	2465	2477	rVB	1981088	2912614	82.36%	6.012%
72	17.792	2514	2517	2524	rVB	17993	24763	0.70%	0.051%
73	17.875	2527	2531	2535	rBV2	24900	30830	0.87%	0.064%
74	18.051	2557	2561	2567	rVB	29995	41352	1.17%	0.085%
75	18.157	2574	2579	2584	rBV2	36603	56709	1.60%	0.117%
76	18.216	2584	2589	2594	rBV	159881	219975	6.22%	0.454%

LSC Area Percent Report

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Acq On : 14 Oct 2022 14:57
Operator : CG/JU
Sample : N5049-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BM0

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Title : SVOA CALIBRATION

77	18.281	2594	2600	2609	rVV2	726160	1036790	29.32%	2.140%
78	18.457	2626	2630	2634	rBV3	23682	44393	1.26%	0.092%
79	18.492	2634	2636	2640	rVB	16806	19728	0.56%	0.041%
80	18.569	2646	2649	2653	rVB	38658	49449	1.40%	0.102%
81	18.622	2654	2658	2664	rBV4	20471	30663	0.87%	0.063%
82	18.769	2680	2683	2687	rVB3	22228	28633	0.81%	0.059%
83	19.134	2743	2745	2749	rBV5	12249	19281	0.55%	0.040%
84	19.198	2750	2756	2762	rVV3	57685	118719	3.36%	0.245%
85	19.439	2789	2797	2808	rBV3	455754	977504	27.64%	2.018%
86	19.557	2813	2817	2829	rVV2	210959	326101	9.22%	0.673%
87	19.786	2850	2856	2868	rVB	2495221	3536549	100.00%	7.300%
88	20.316	2944	2946	2951	rVB2	107997	110897	3.14%	0.229%
89	20.816	3028	3031	3034	rVB	85410	91601	2.59%	0.189%
90	21.280	3106	3110	3120	rVB	852713	1220762	34.52%	2.520%
91	21.586	3156	3162	3166	rBV	2007144	2859353	80.85%	5.902%
92	21.622	3166	3168	3175	rVB	223351	267610	7.57%	0.552%
93	21.727	3184	3186	3190	rVB2	115645	130480	3.69%	0.269%
94	22.198	3264	3266	3268	rBV	135050	152534	4.31%	0.315%
95	23.286	3446	3451	3456	rBV2	604132	1122510	31.74%	2.317%
96	23.339	3456	3460	3471	rVB	494362	1009869	28.56%	2.085%
97	23.892	3548	3554	3560	rBV2	1256169	2602969	73.60%	5.373%
98	24.057	3575	3582	3589	rVB2	1080498	2090208	59.10%	4.315%
99	24.686	3684	3689	3698	rVB	472177	1009018	28.53%	2.083%
100	24.786	3702	3706	3720	rVB2	265187	764100	21.61%	1.577%

Sum of corrected areas: 48444064

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Data File : BN022124.D
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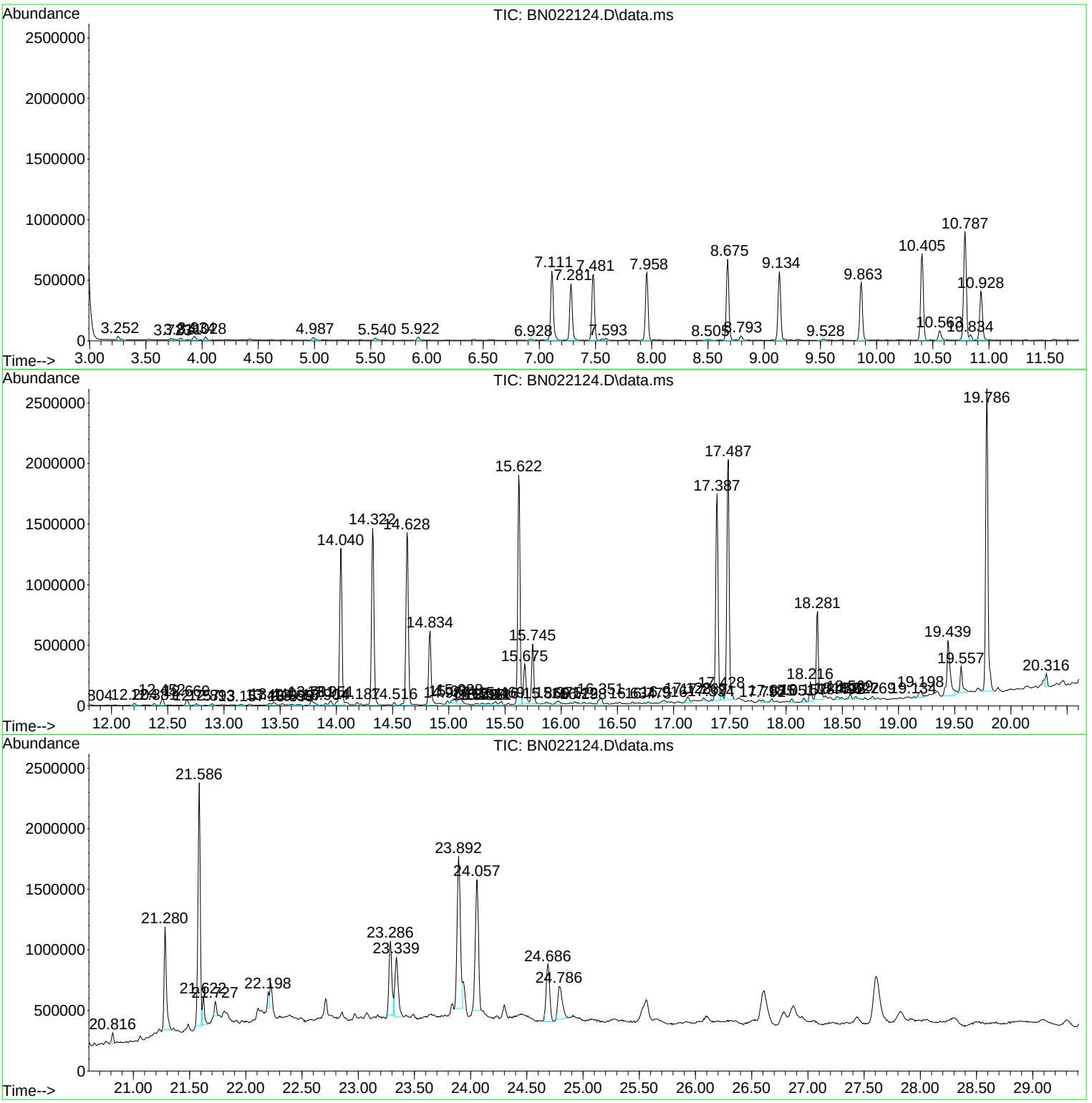
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BM0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022124.D
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Sample : N5049-09
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Instrument :
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ClientSampleId :
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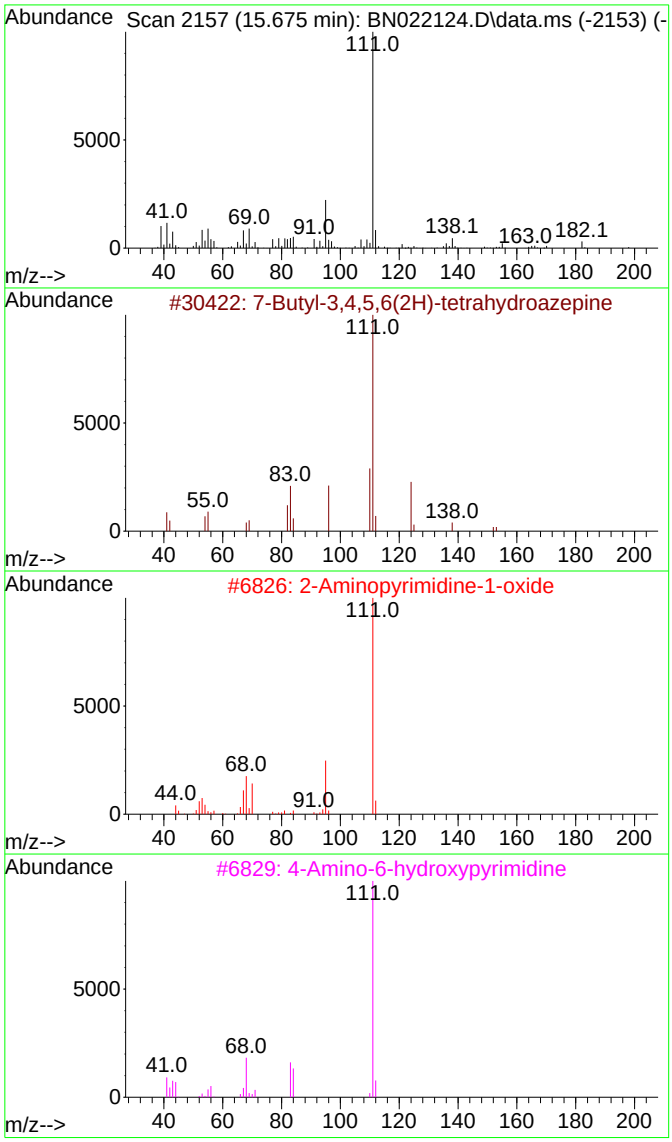
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

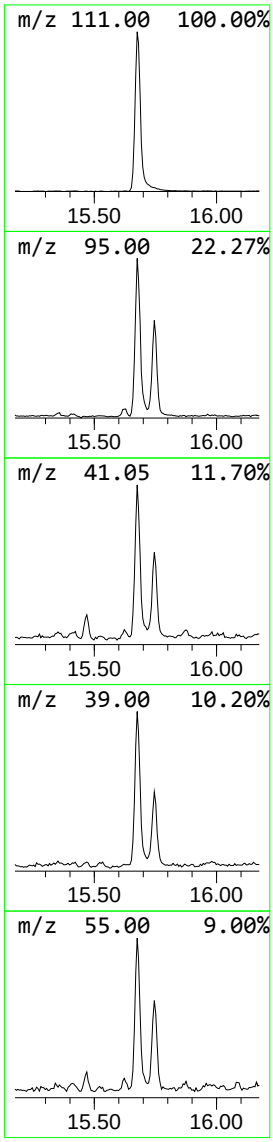
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 7-Butyl-3,4,5,6(2H)-tetrahy... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.675	4.79 ng/ul	516181	Acenaphthene-d10	14.628

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Butyl-3,4,5,6(2H)-tetrahydroaz...	153	C10H19N	003338-06-5	53
2	2-Aminopyrimidine-1-oxide	111	C4H5N3O	035034-15-2	50
3	4-Amino-6-hydroxypyrimidine	111	C4H5N3O	001193-22-2	50
4	2-Heptenoic acid, tridec-2-yn-1-...	306	C20H34O2	1000406-94-6	50
5	Benzenamine, 3-fluoro-	111	C6H6FN	000372-19-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022124.D
Acq On : 14 Oct 2022 14:57
Operator : CG/JU
Sample : N5049-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

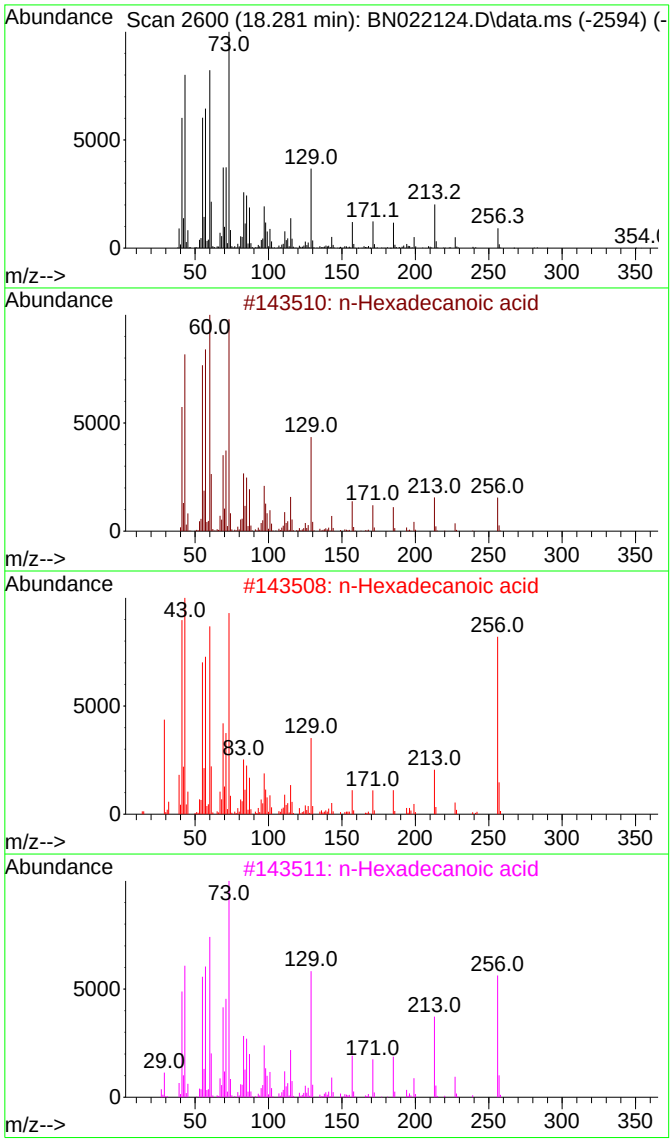
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

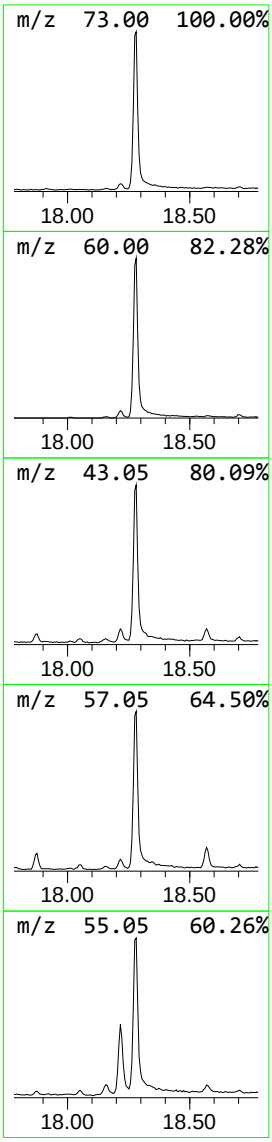
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.281	8.35 ng/ul	1036790	Phenanthrene-d10	17.387

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95





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Misc :
ALS Vial : 42 Sample Multiplier: 1

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BNA_N
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

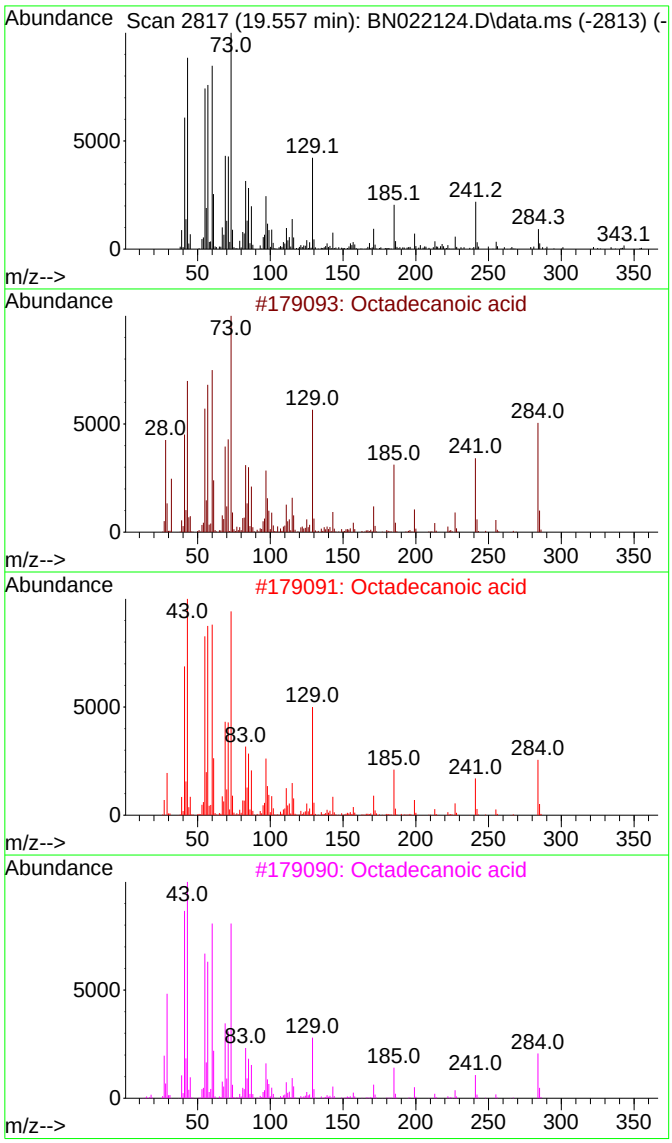
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

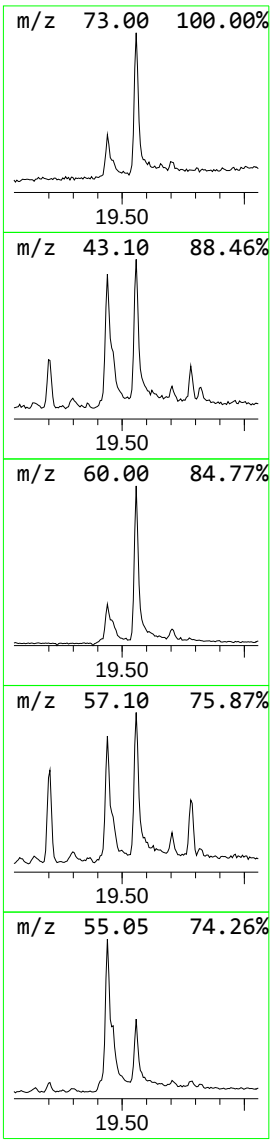
****

Peak Number 3 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.557	2.28 ng/ul	326101	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





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Misc :
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Instrument :
BNA_N
ClientSampleId :
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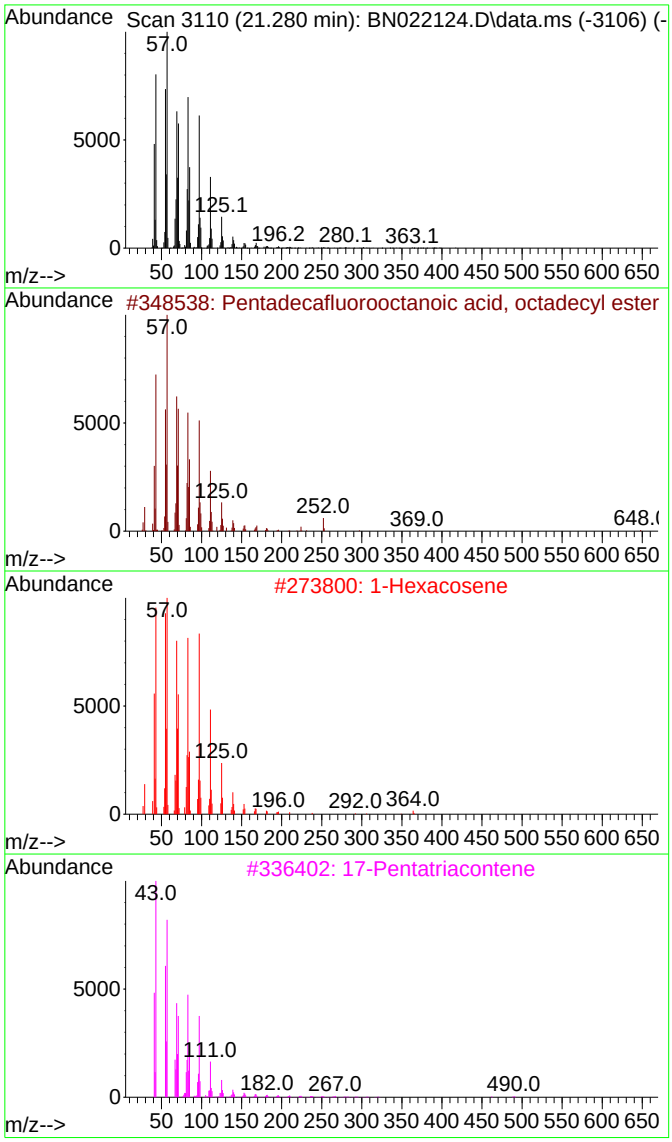
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

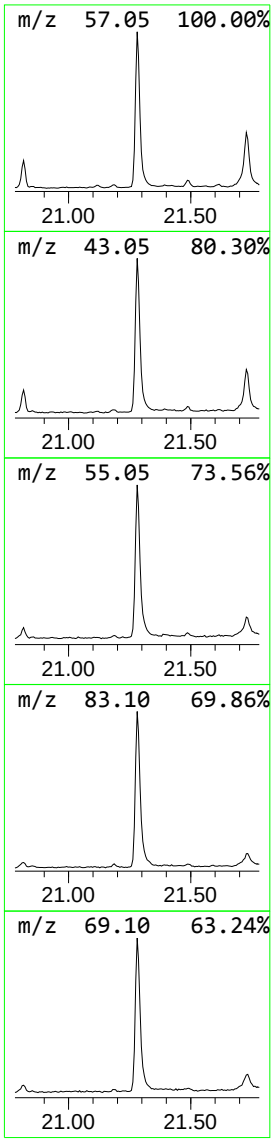
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.281	8.54 ng/ul	1220760	Chrysene-d12	21.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	95
2	1-Hexacosene	364	C26H52	018835-33-1	94
3	17-Pentatriacontene	491	C35H70	006971-40-0	91
4	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91





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Data File : BN022124.D
Acq On : 14 Oct 2022 14:57
Operator : CG/JU
Sample : N5049-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BM0

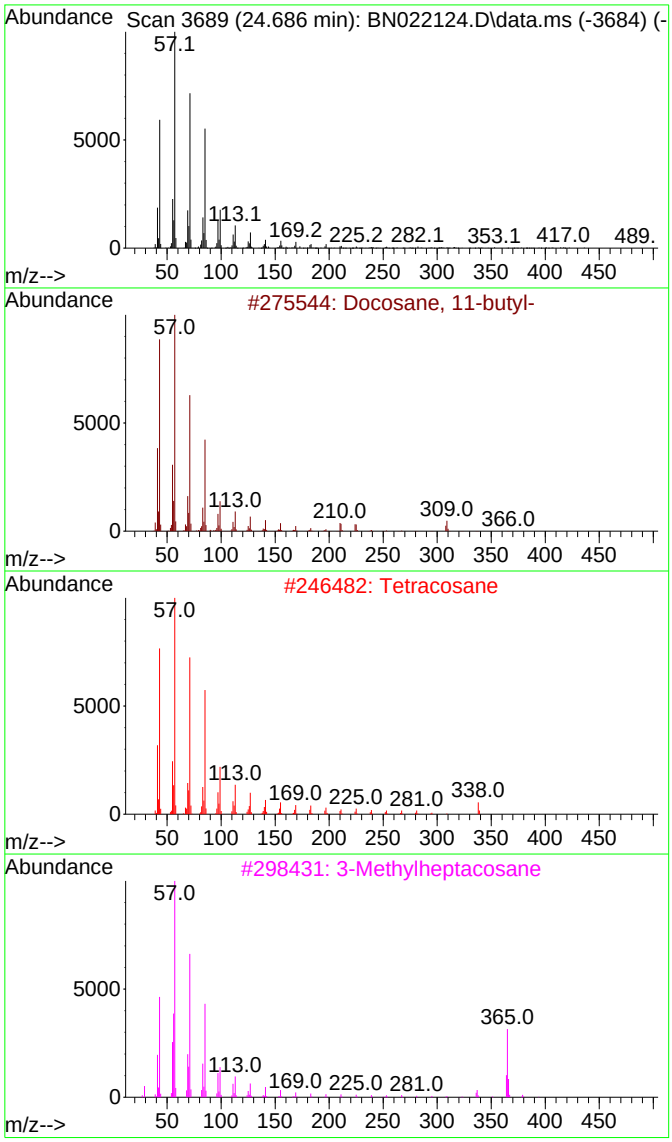
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

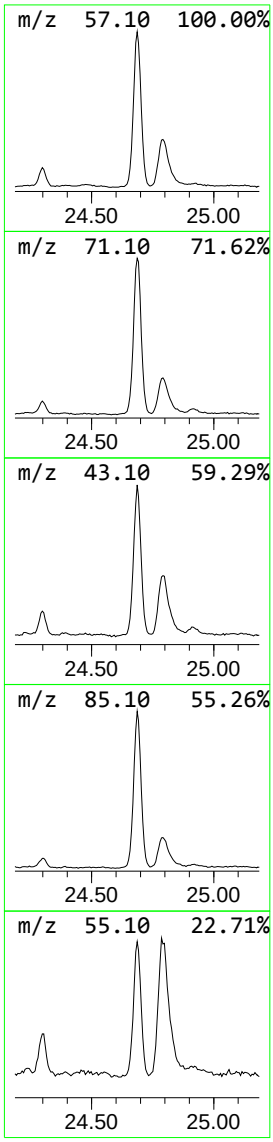
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.686	9.65 ng/ul	1009020	Perylene-d12	24.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
2	Tetracosane	338	C24H50	000646-31-1	93
3	3-Methylheptacosane	394	C28H58	014167-66-9	93
4	Docosane, 5-butyl-	366	C26H54	055282-16-1	91
5	2-Methylheptacosane	394	C28H58	001561-00-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022124.D
Acq On : 14 Oct 2022 14:57
Operator : CG/JU
Sample : N5049-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BM0

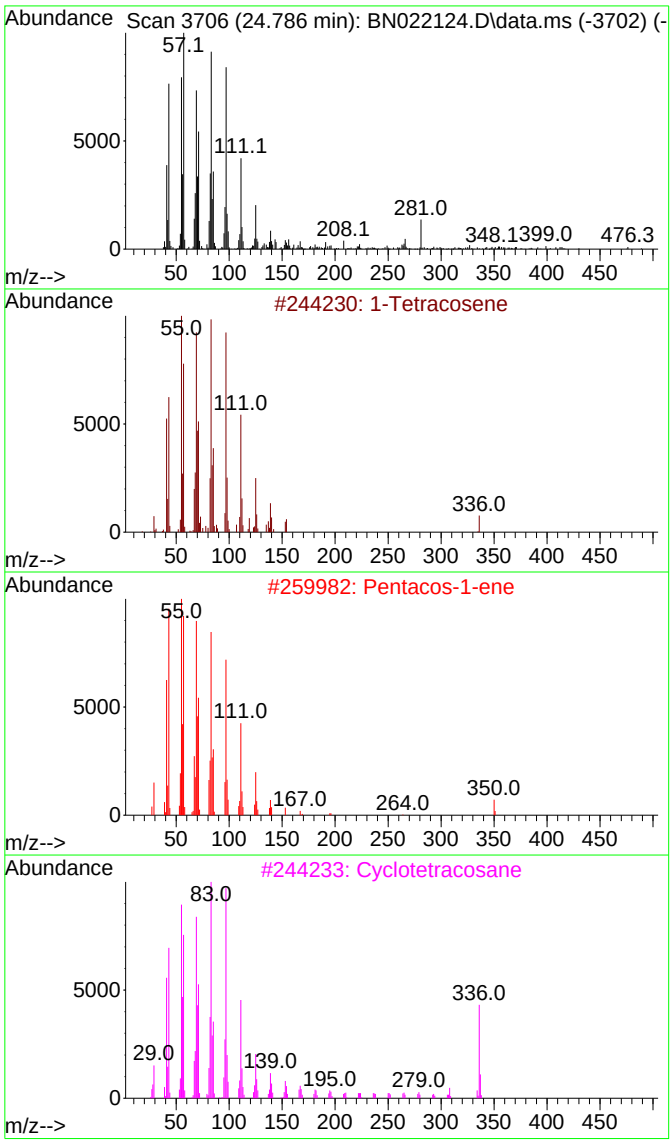
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
Quant Title : SVOA CALIBRATION

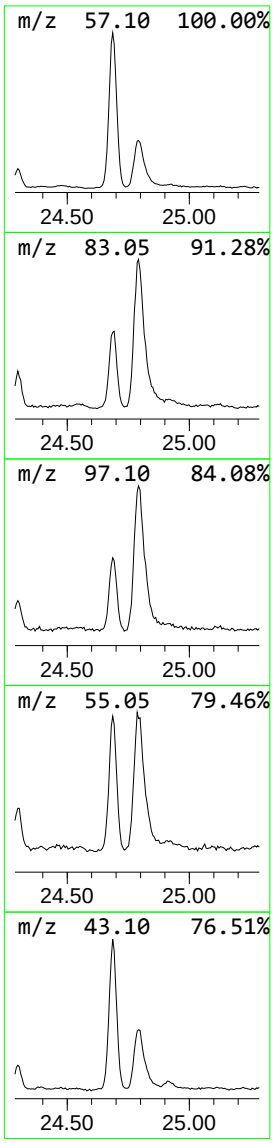
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.786	7.31 ng/ul	764100	Perylene-d12	24.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetracosene	336	C24H48	010192-32-2	99
2	Pentacos-1-ene	350	C25H50	016980-85-1	95
3	Cyclotetracosane	336	C24H48	000297-03-0	94
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
5	1-Hexacosene	364	C26H52	018835-33-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101422\
Data File : BN022124.D
Acq On : 14 Oct 2022 14:57
Operator : CG/JU
Sample : N5049-09
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BM0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.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
7-Butyl-3,4,5,6...	15.675	4.8	ng/ul	516181	3	14.628	2155690	20.0
n-Hexadecanoic ...	18.281	8.3	ng/ul	1036790	4	17.387	2484610	20.0
Octadecanoic acid	19.557	2.3	ng/ul	326101	5	21.586	2859350	20.0
Pentadecafluoro...	21.281	8.5	ng/ul	1220760	5	21.586	2859350	20.0
(DEL) Alkane: S...	24.686	9.7	ng/ul	1009020	6	24.057	2090210	20.0
(DEL) Alkane: S...	24.786	7.3	ng/ul	764100	6	24.057	2090210	20.0