LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020842.D
Acq On : 08 Jul 2024 22:18
Operator : MA/JU
Sample : P3035-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CB9

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_P\Methods\SFAM-EPA-BP062524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020842.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.264	43	47	54	rVB	41766	58232	1.41%	0.127%
2	3.540	91	94	101	rBV	21371	34997	0.85%	0.076%
3	3.687	118	119	128	rBV	37991	58288	1.41%	0.127%
4	3.775	131	134	142	rVB	16010	25316	0.61%	0.055%
5	3.987	166	170	175	rVB3	10083	14282	0.35%	0.031%
6	4.399	238	240	244	rVB2	7959	9528	0.23%	0.021%
7	4.534	260	263	269	rVB	13498	19748	0.48%	0.043%
8	4.769	299	303	307	rBV7	5651	10381	0.25%	0.023%
9	4.881	317	322	330	rBV	50027	82246	1.99%	0.179%
10	5.134	360	365	369	rBV6	4569	9262	0.22%	0.020%
11	5.857	480	488	497	rVB3	8927	22019	0.53%	0.048%
12	6.775	639	644	650	rBV10	3446	8554	0.21%	0.019%
13	6.846	652	656	660	rVB5	6117	9285	0.22%	0.020%
14	6.916	660	668	684	rBV	657426	1144633	27.73%	2.491%
15	7.075	688	695	707	rVB	554065	877264	21.25%	1.909%
16	7.269	721	728	738	rBV	694845	1188024	28.78%	2.585%
17	7.728	799	806	814	rBV	444895	724060	17.54%	1.576%
18	7.804	814	819	828	rVB4	10310	22580	0.55%	0.049%
19	8.440	919	927	936	rBV	760728	1346393	32.61%	2.930%
20	8.546	941	945	950	rVB2	13823	26767	0.65%	0.058%
21	8.881	994	1002	1014	rBV	682290	1115553	27.02%	2.427%
22	9.246	1057	1064	1070	rVB3	14480	24689	0.60%	0.054%
23	9.428	1090	1095	1104	rBV	38373	72538	1.76%	0.158%
24	9.593	1116	1123	1133	rBV	562156	975477	23.63%	2.123%
25	10.134	1205	1215	1230	rBV	808293	1482896	35.92%	3.227%
26	10.493	1269	1276	1284	rBV	601125	1051913	25.48%	2.289%
27	10.640	1295	1301	1323	rBV	619900	1149991	27.86%	2.502%
28	11.040	1363	1369	1380	rBV10	9995	27431	0.66%	0.060%
29	11.245	1399	1404	1413	rBV2	41589	103031	2.50%	0.224%
30	12.092	1543	1548	1554	rBV	14512	24607	0.60%	0.054%
31	13.163	1725	1730	1738	rVB5	12033	20104	0.49%	0.044%
32	13.675	1812	1817	1820	rBV6	8729	12990	0.31%	0.028%
33	13.763	1823	1832	1847	rBV	1232461	2165736	52.46%	4.713%
34	13.869	1847	1850	1856	rBV8	4579	8211	0.20%	0.018%
35	14.051	1868	1881	1893	rBV	1629827	2639135	63.93%	5.743%
36	14.257	1912	1916	1920	rVB7	6792	10116	0.25%	0.022%

LSC Area Percent Report

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Operator : MA/JU
Sample : P3035-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CB9

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_P\Methods\SFAM-EPA-BP062524.MA.M
Title : SVOA CALIBRATION

37	14.363	1924	1934	1941	rVV	994904	1482413	35.91%	3.226%
38	14.422	1941	1944	1952	rVB	25668	43701	1.06%	0.095%
39	14.610	1963	1976	1986	rBV	459770	1010207	24.47%	2.198%
40	14.769	1997	2003	2005	rBV4	12031	25205	0.61%	0.055%
41	14.798	2005	2008	2013	rVB4	23848	38395	0.93%	0.084%
42	15.157	2065	2069	2073	rBV4	12606	18884	0.46%	0.041%
43	15.375	2098	2106	2112	rBV	2086175	3213254	77.84%	6.992%
44	15.428	2112	2115	2122	rVB3	33951	53422	1.29%	0.116%
45	15.510	2123	2129	2139	rVV	671682	907428	21.98%	1.975%
46	15.728	2164	2166	2174	rVB6	11189	18347	0.44%	0.040%
47	16.110	2227	2231	2238	rBV5	16953	35970	0.87%	0.078%
48	16.263	2253	2257	2261	rBV3	17035	22552	0.55%	0.049%
49	16.380	2273	2277	2281	rBV2	12068	19722	0.48%	0.043%
50	16.451	2287	2289	2294	rVB6	9772	12428	0.30%	0.027%
51	16.563	2304	2308	2314	rBV5	30282	49183	1.19%	0.107%
52	16.698	2326	2331	2335	rBV7	20994	46383	1.12%	0.101%
53	16.828	2349	2353	2357	rVB6	12490	19595	0.47%	0.043%
54	17.051	2386	2391	2394	rBV	65372	93679	2.27%	0.204%
55	17.092	2394	2398	2403	rVB3	73198	107760	2.61%	0.234%
56	17.175	2405	2412	2416	rVV	1125653	1809482	43.83%	3.937%
57	17.216	2416	2419	2424	rVV	313732	508028	12.31%	1.105%
58	17.275	2424	2429	2439	rVV	2453695	3430425	83.10%	7.464%
59	17.357	2439	2443	2450	rVB5	52671	95124	2.30%	0.207%
60	17.592	2479	2483	2487	rBV4	28379	50552	1.22%	0.110%
61	17.645	2488	2492	2494	rVV	71686	91300	2.21%	0.199%
62	17.675	2494	2497	2501	rVB4	39863	52556	1.27%	0.114%
63	17.798	2511	2518	2524	rBV2	152655	313126	7.58%	0.681%
64	17.980	2545	2549	2557	rVB10	27913	53429	1.29%	0.116%
65	18.110	2559	2571	2582	rBV2	502771	1077550	26.10%	2.345%
66	18.222	2587	2590	2594	rVV2	35116	54206	1.31%	0.118%
67	18.280	2596	2600	2604	rVV2	177325	288854	7.00%	0.629%
68	18.339	2608	2610	2614	rVB	69062	84045	2.04%	0.183%
69	18.580	2647	2651	2653	rBV	62374	79617	1.93%	0.173%
70	18.757	2679	2681	2686	rVB4	39402	42755	1.04%	0.093%
71	19.310	2770	2775	2783	rVB	731318	1061213	25.71%	2.309%
72	19.445	2794	2798	2807	rBV5	180697	295364	7.15%	0.643%
73	19.663	2829	2835	2839	rBV	2641041	4128259	100.00%	8.983%
74	21.286	3107	3111	3117	rVB3	467680	743289	18.00%	1.617%
75	21.627	3161	3169	3174	rBV2	1279890	2511533	60.84%	5.465%
76	21.668	3174	3176	3189	rVB	301455	504841	12.23%	1.099%

LSC Area Percent Report

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Operator : MA/JU
Sample : P3035-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CB9

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_P\Methods\SFAM-EPA-BP062524.MA.M
Title : SVOA CALIBRATION

77	23.421	3470	3474	3485	rVB2	217379	429677	10.41%	0.935%
78	24.739	3690	3698	3707	rVB2	988284	2471074	59.86%	5.377%
79	24.974	3730	3738	3747	rVB	781881	1985581	48.10%	4.321%

Sum of corrected areas: 45956685

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
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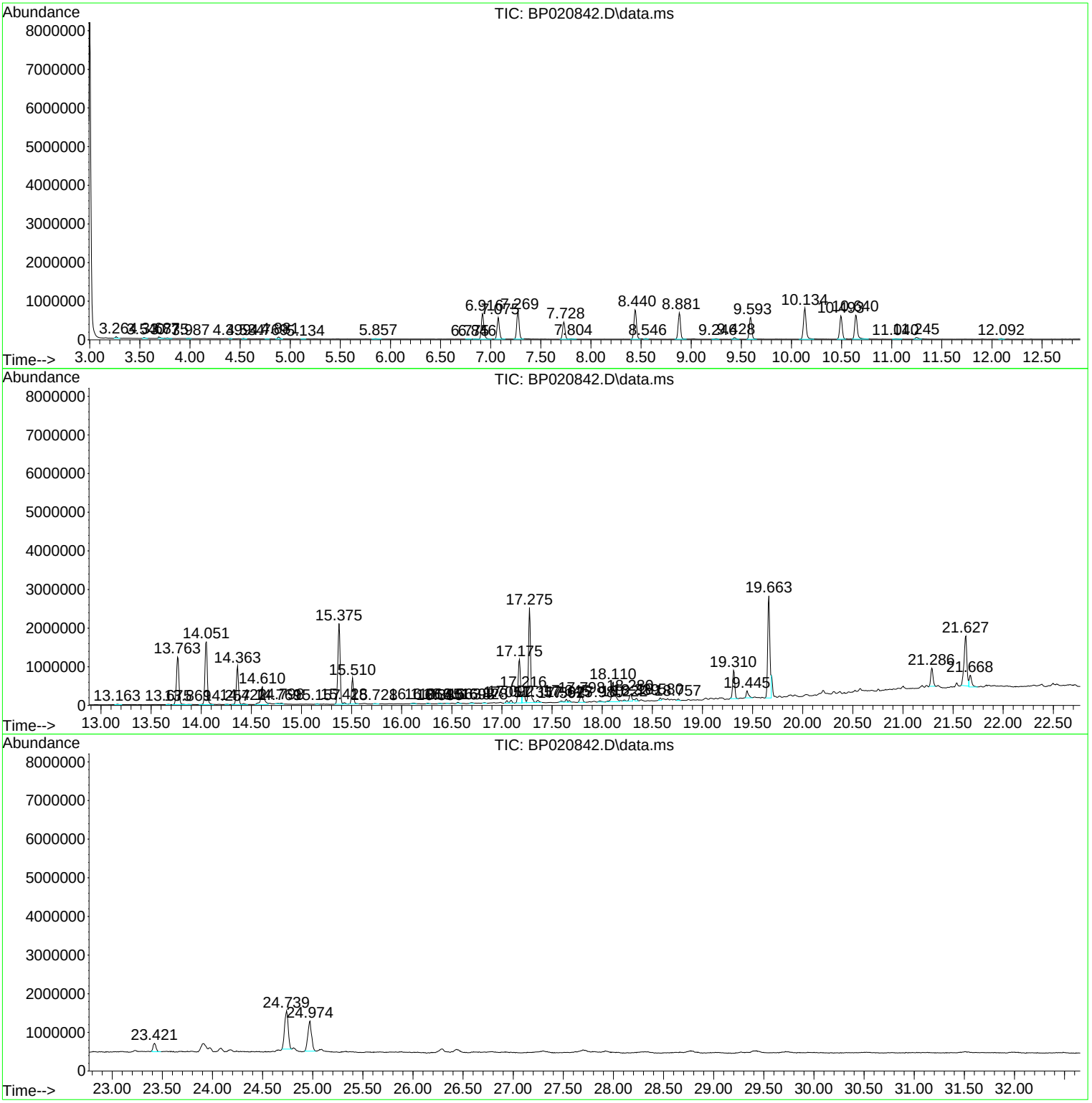
Operator : MA/JU
Sample : P3035-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CB9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020842.D
Acq On : 08 Jul 2024 22:18
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Sample : P3035-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CB9

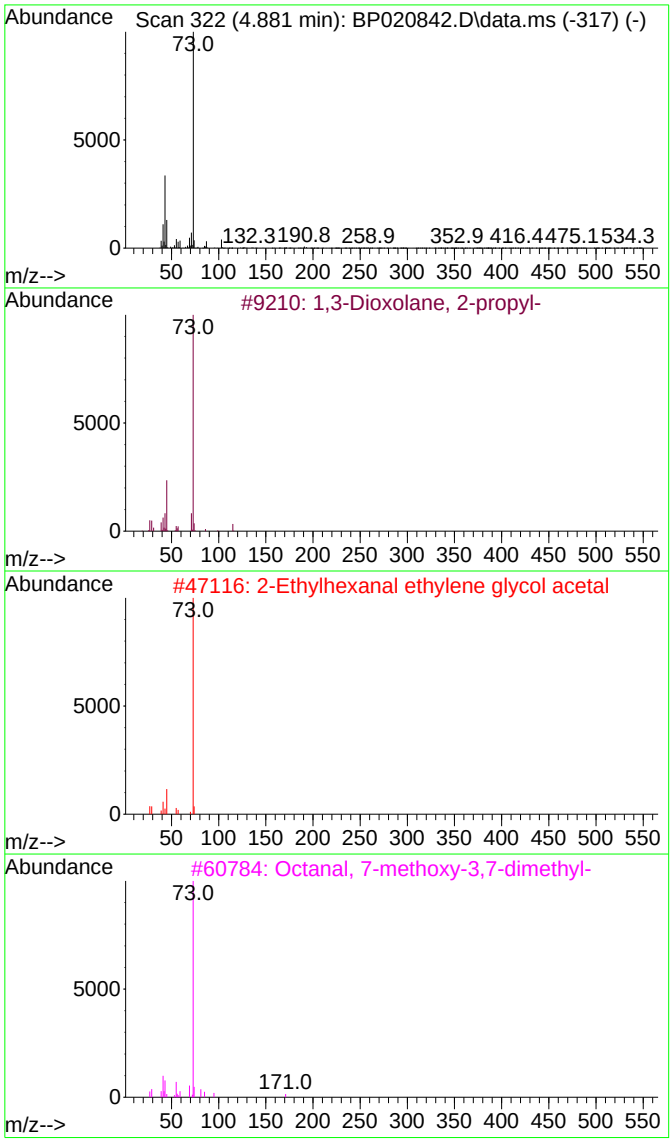
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

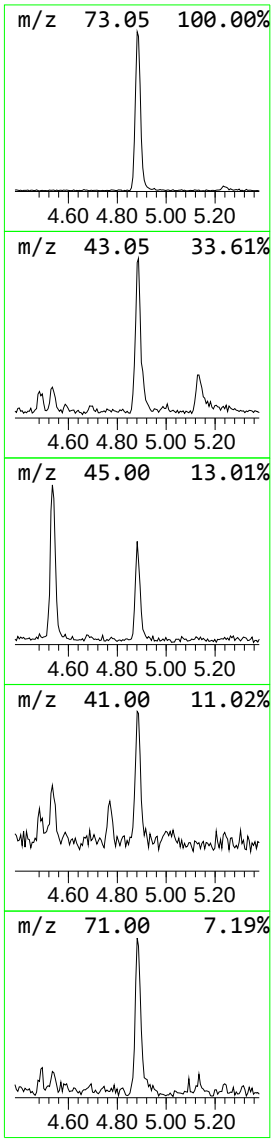
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.881	2.27 ng/ul	82246	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	32
2	2-Ethylhexanal ethylene glycol a...	172	C10H20O2	1000431-01-2	25
3	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	25
4	o-2-Pentylhydroxylamine	103	C5H13NO	1000322-43-4	12
5	Acetic acid, hydroxy-, ethyl ester	104	C4H8O3	000623-50-7	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020842.D
Acq On : 08 Jul 2024 22:18
Operator : MA/JU
Sample : P3035-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CB9

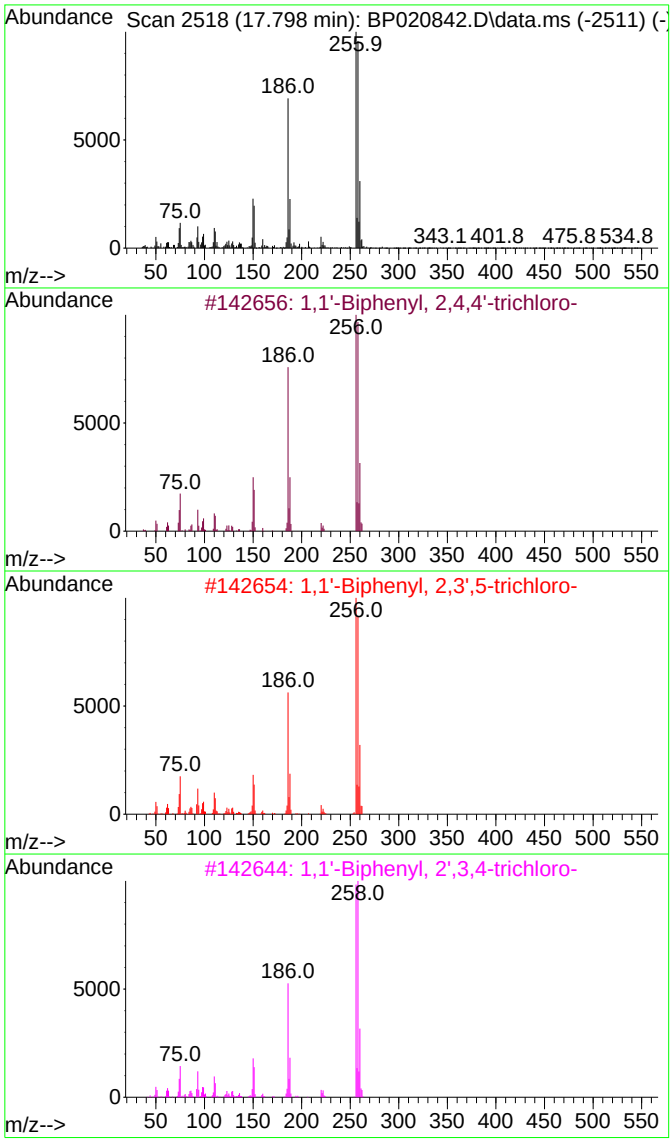
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

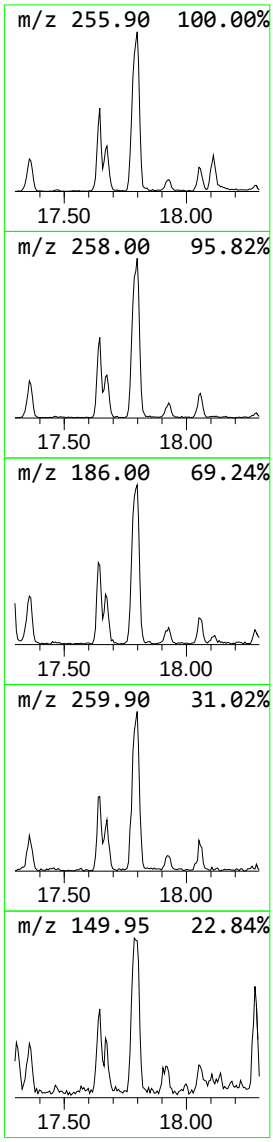
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.798	3.46 ng/ul	313126	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	99
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	99
4	1,1'-Biphenyl, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
5	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020842.D
Acq On : 08 Jul 2024 22:18
Operator : MA/JU
Sample : P3035-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CB9

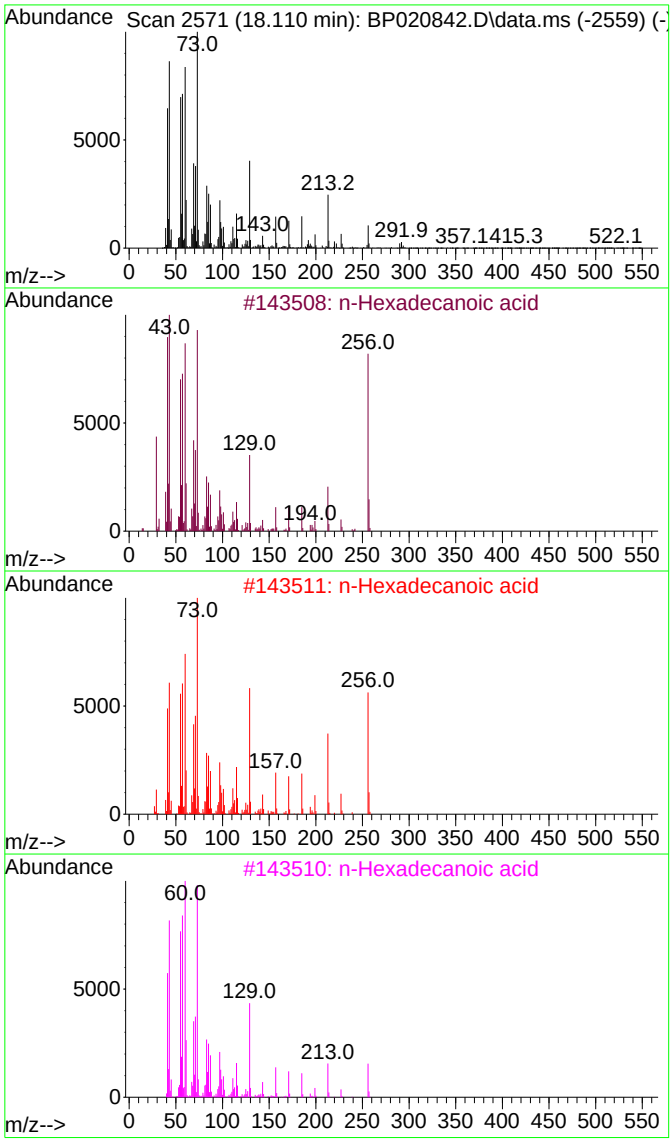
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

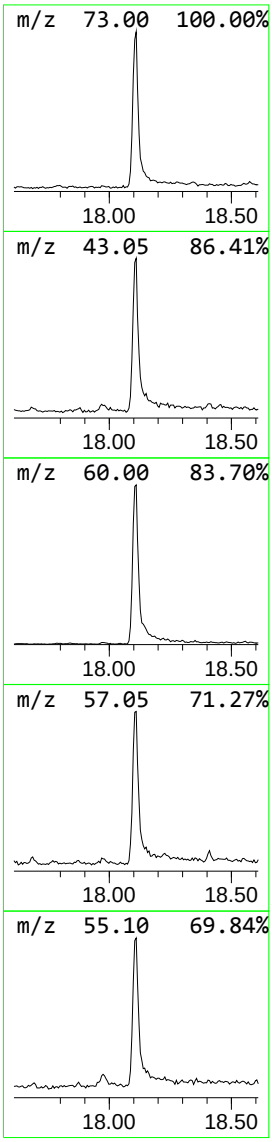
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	11.91 ng/ul	1077550	Phenanthrene-d10	17.174

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	Tridecanoic acid	214	C13H26O2	000638-53-9	94





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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
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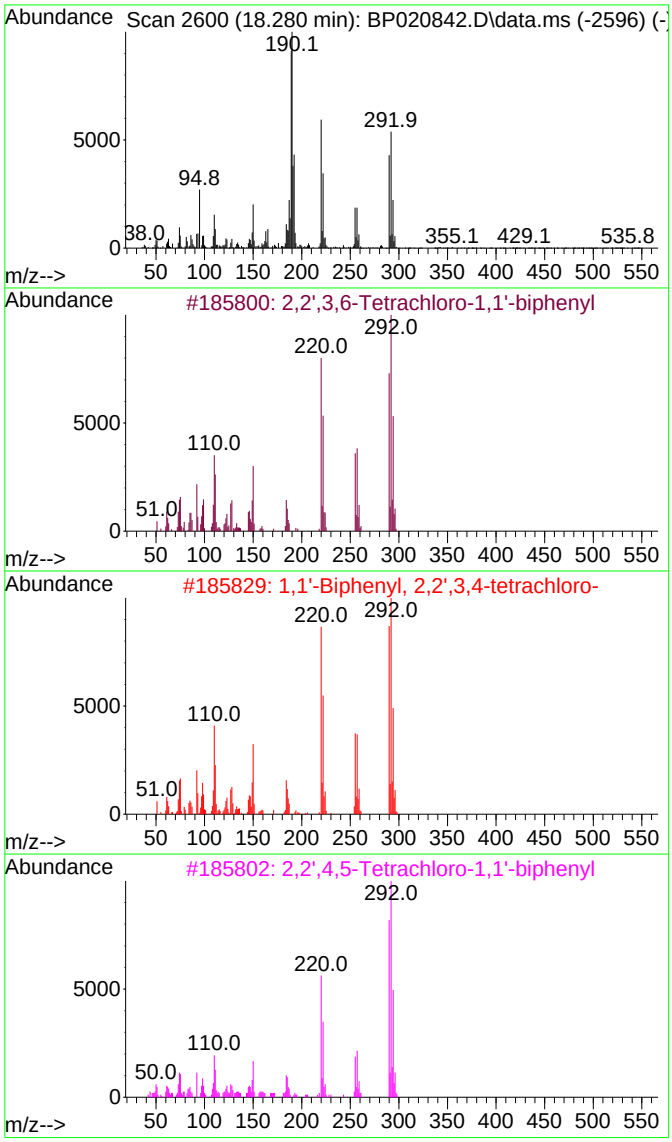
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

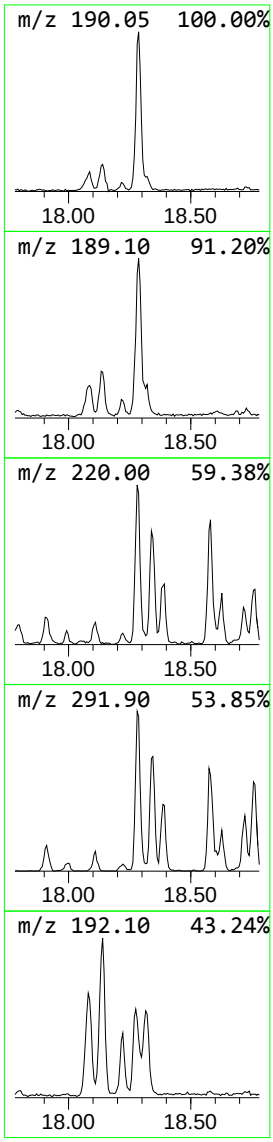
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,2',3,6-Tetrachloro-1,1'-b... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	3.19 ng/ul	288854	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2',3,6-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-45-7	95
2	1,1'-Biphenyl, 2,2',3,4-tetrachl...	290	C12H6Cl4	052663-59-9	95
3	2,2',4,5-Tetrachloro-1,1'-biphenyl	290	C12H6Cl4	070362-47-9	95
4	1,1'-Biphenyl, 2,3,3',4'-tetrach...	290	C12H6Cl4	041464-43-1	95
5	1,1'-Biphenyl, 2,2',5,6'-Tetrach...	290	C12H6Cl4	041464-41-9	95





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Instrument :
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ClientSampleId :
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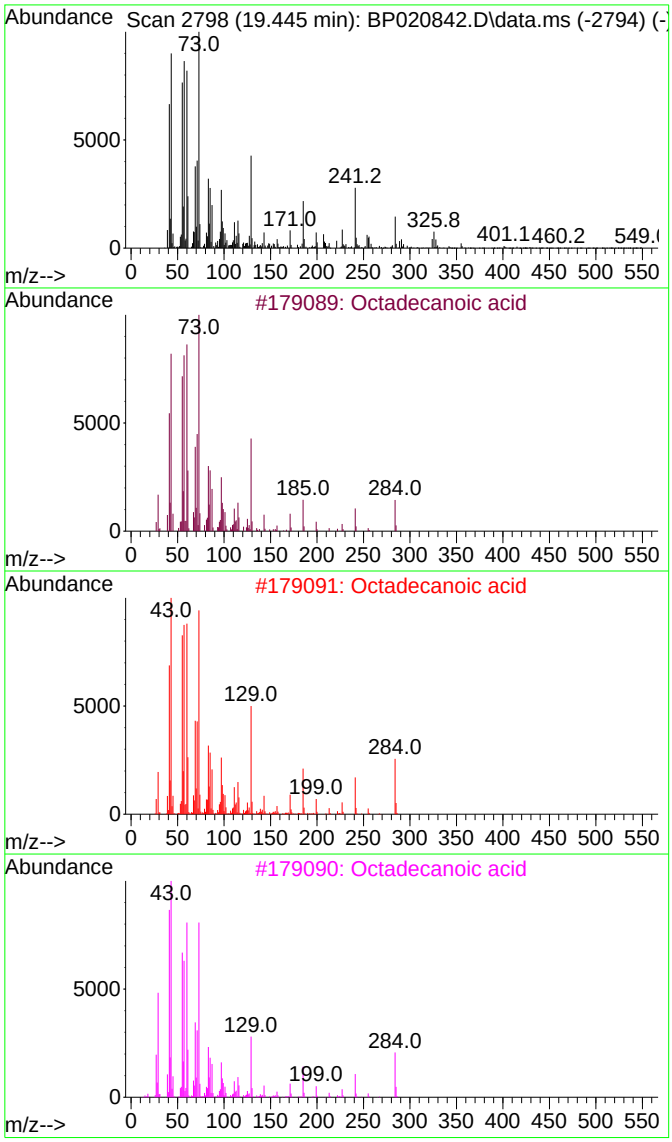
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

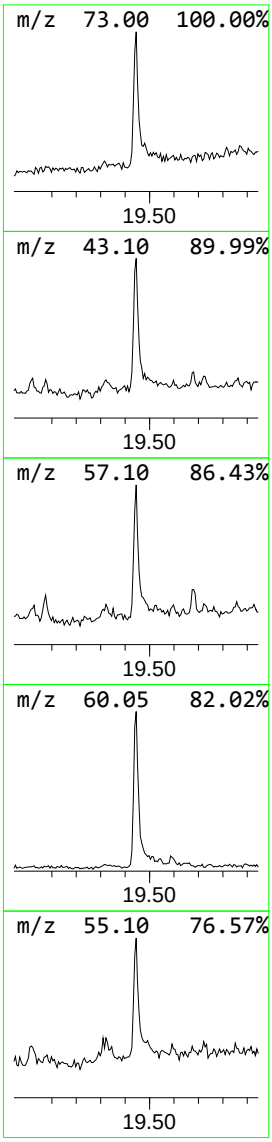
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	2.35 ng/ul	295364	Chrysene-d12	21.627

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	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020842.D
Acq On : 08 Jul 2024 22:18
Operator : MA/JU
Sample : P3035-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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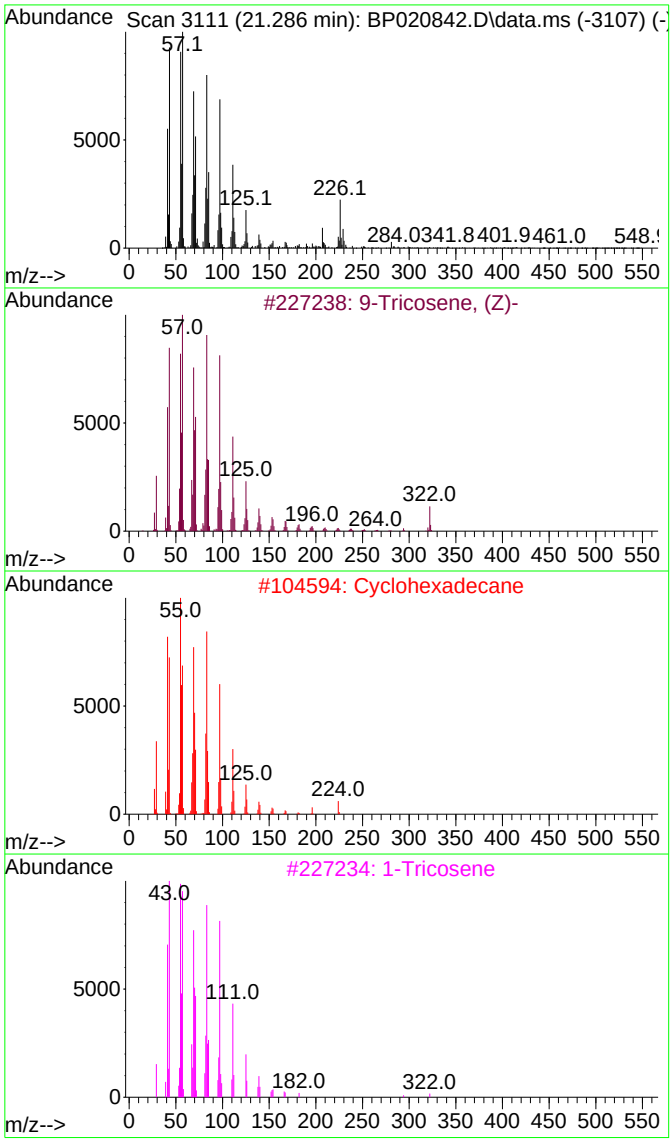
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

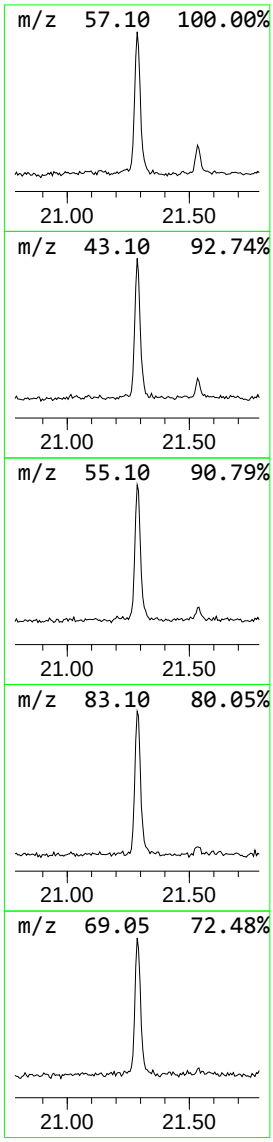
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.286	5.92 ng/ul	743289	Chrysene-d12	21.627

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Tricosene, (Z)-	322	C23H46	027519-02-4	99
2	Cyclohexadecane	224	C16H32	000295-65-8	97
3	1-Tricosene	322	C23H46	018835-32-0	97
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	95
5	Cyclooctacosane	392	C28H56	000297-24-5	95





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Data File : BP020842.D
Acq On : 08 Jul 2024 22:18
Operator : MA/JU
Sample : P3035-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CB9

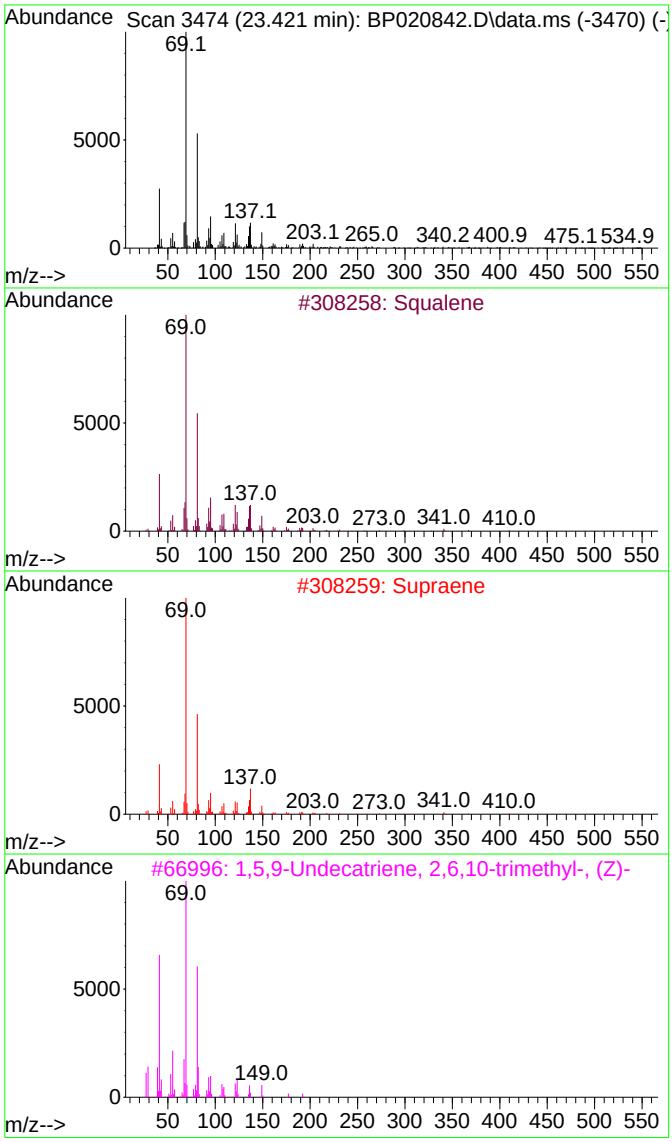
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

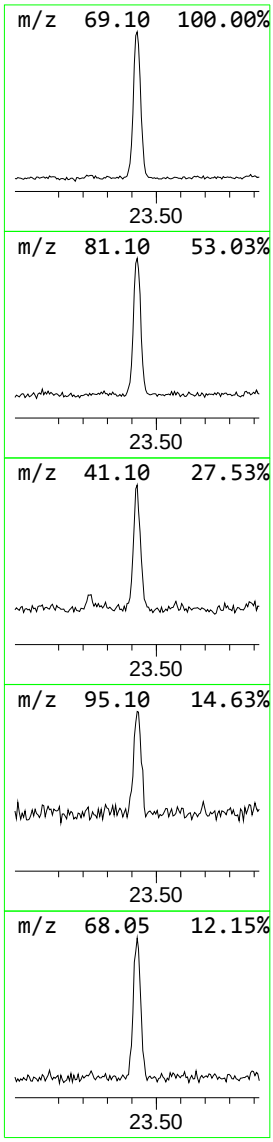
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.421	4.33 ng/ul	429677	Perylene-d12	24.974

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	93
2	Supraene	410	C30H50	007683-64-9	90
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	81
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	74
5	3,7-Dimethyl-1-phenylsulfonyl-2,...	278	C16H22O2S	1000432-27-5	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070824\
Data File : BP020842.D
Acq On : 08 Jul 2024 22:18
Operator : MA/JU
Sample : P3035-21
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CB9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.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
unknown-01	4.881	2.3	ng/ul	82246	1	7.728	724060	20.0
1,1'-Biphenyl, ...	17.798	3.5	ng/ul	313126	4	17.174	1809480	20.0
n-Hexadecanoic ...	18.110	11.9	ng/ul	1077550	4	17.174	1809480	20.0
2,2',3,6-Tetrac...	18.280	3.2	ng/ul	288854	4	17.174	1809480	20.0
Octadecanoic acid	19.445	2.4	ng/ul	295364	5	21.627	2511530	20.0
(DEL) Alkane: S...	21.286	5.9	ng/ul	743289	5	21.627	2511530	20.0
Squalene	23.421	4.3	ng/ul	429677	6	24.974	1985580	20.0