LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
Data File : BP020262.D
Acq On : 09 May 2024 09:16
Operator : MA/JU
Sample : P2369-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A43N3

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-BP050124.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020262.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.217	18	22	28	rVB	18980	26486	1.04%	0.083%
2	3.493	65	69	78	rBV	22045	46987	1.84%	0.146%
3	3.617	86	90	111	rBV	245227	459449	18.01%	1.431%
4	3.911	136	140	145	rVB4	4687	7820	0.31%	0.024%
5	5.134	345	348	351	rBV5	1700	2564	0.10%	0.008%
6	6.805	625	632	648	rBV	280881	601488	23.57%	1.874%
7	6.975	654	661	675	rVB	257094	451075	17.68%	1.405%
8	7.158	685	692	704	rBV	329695	615830	24.14%	1.919%
9	7.616	763	770	779	rBV	382147	649116	25.44%	2.022%
10	7.734	786	790	794	rBV7	2532	3442	0.13%	0.011%
11	8.328	884	891	911	rBV	340098	674216	26.43%	2.101%
12	8.781	959	968	984	rBV	353956	674291	26.43%	2.101%
13	8.940	993	995	1001	rVB6	2439	3380	0.13%	0.011%
14	9.128	1023	1027	1035	rVB	8757	14833	0.58%	0.046%
15	9.357	1059	1066	1080	rBV2	24259	53891	2.11%	0.168%
16	9.493	1082	1089	1108	rBV	307896	599181	23.48%	1.867%
17	10.028	1171	1180	1200	rBV	405963	869589	34.08%	2.709%
18	10.210	1204	1211	1234	rVB3	35323	128641	5.04%	0.401%
19	10.387	1234	1241	1258	rVB	536116	991102	38.85%	3.088%
20	10.551	1261	1269	1288	rBV	385878	867238	33.99%	2.702%
21	10.999	1338	1345	1352	rBV	5689	12007	0.47%	0.037%
22	11.181	1370	1376	1384	rBV4	18749	55164	2.16%	0.172%
23	12.004	1510	1516	1526	rVB4	8337	16884	0.66%	0.053%
24	12.887	1659	1666	1672	rBV9	2563	6689	0.26%	0.021%
25	13.087	1692	1700	1705	rBV8	4481	7247	0.28%	0.023%
26	13.169	1705	1714	1722	rBV	341091	588950	23.08%	1.835%
27	13.704	1795	1805	1818	rBV	895649	1502849	58.90%	4.682%
28	13.975	1839	1851	1866	rBV	1087567	1690103	66.24%	5.266%
29	14.187	1885	1887	1894	rVB8	2622	4159	0.16%	0.013%
30	14.292	1897	1905	1919	rVV	863204	1441518	56.50%	4.491%
31	14.387	1919	1921	1926	rVB4	2588	3181	0.12%	0.010%
32	14.528	1935	1945	1946	rBV2	47005	102994	4.04%	0.321%
33	14.557	1946	1950	1972	rVB	185546	525236	20.59%	1.636%
34	14.734	1978	1980	1991	rVB	9357	19983	0.78%	0.062%
35	14.957	2013	2018	2024	rVB6	13297	21596	0.85%	0.067%
36	15.116	2041	2045	2048	rVB4	3185	4151	0.16%	0.013%

LSC Area Percent Report

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Sample : P2369-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N3

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-BP050124.MA.M
Title : SVOA CALIBRATION

37	15.157	2048	2052	2059	rVB6	5259	8356	0.33%	0.026%
38	15.310	2071	2078	2091	rBV	1368617	2133055	83.60%	6.646%
39	15.469	2099	2105	2117	rBV	306798	540986	21.20%	1.685%
40	15.563	2118	2121	2128	rVB7	9557	17530	0.69%	0.055%
41	15.898	2174	2178	2183	rBV7	3160	4554	0.18%	0.014%
42	16.069	2203	2207	2211	rBV6	2378	3623	0.14%	0.011%
43	16.228	2230	2234	2238	rBV7	2528	3545	0.14%	0.011%
44	16.392	2260	2262	2265	rBV3	2529	3141	0.12%	0.010%
45	16.539	2282	2287	2292	rBV5	20824	34010	1.33%	0.106%
46	16.598	2296	2297	2303	rVB6	2607	2994	0.12%	0.009%
47	16.663	2305	2308	2314	rVB7	6864	9686	0.38%	0.030%
48	16.763	2318	2325	2344	rBV	1433230	2551419	100.00%	7.949%
49	17.128	2380	2387	2396	rBV	1148064	1723627	67.56%	5.370%
50	17.233	2397	2405	2418	rVV	1518321	2319963	90.93%	7.228%
51	17.328	2418	2421	2426	rVB5	14130	20840	0.82%	0.065%
52	17.451	2437	2442	2448	rVB6	5010	9944	0.39%	0.031%
53	17.575	2458	2463	2464	rBV4	5979	8937	0.35%	0.028%
54	17.598	2464	2467	2475	rVV7	12279	21266	0.83%	0.066%
55	17.663	2475	2478	2485	rVB8	3743	7033	0.28%	0.022%
56	17.769	2492	2496	2502	rBV	41848	58816	2.31%	0.183%
57	17.857	2506	2511	2517	rVB3	9377	15454	0.61%	0.048%
58	17.963	2525	2529	2532	rBV6	6759	10202	0.40%	0.032%
59	18.086	2544	2550	2560	rBV	414967	646594	25.34%	2.015%
60	18.533	2624	2626	2631	rVB6	8470	12415	0.49%	0.039%
61	18.616	2638	2640	2642	rBV3	3979	3921	0.15%	0.012%
62	18.792	2668	2670	2678	rVB9	5828	9037	0.35%	0.028%
63	19.180	2733	2736	2742	rVB2	18825	29157	1.14%	0.091%
64	19.257	2746	2749	2753	rVB	12325	15035	0.59%	0.047%
65	19.445	2777	2781	2791	rBV	96931	145359	5.70%	0.453%
66	19.633	2808	2813	2826	rVB	1662692	2474584	96.99%	7.710%
67	21.322	3095	3100	3109	rBV2	190381	357843	14.03%	1.115%
68	21.639	3147	3154	3167	rBV	865196	1520367	59.59%	4.737%
69	24.768	3676	3686	3698	rVB2	767051	2106775	82.57%	6.564%
70	25.004	3717	3726	3743	rVB	464330	1523573	59.71%	4.747%

Sum of corrected areas: 32096971

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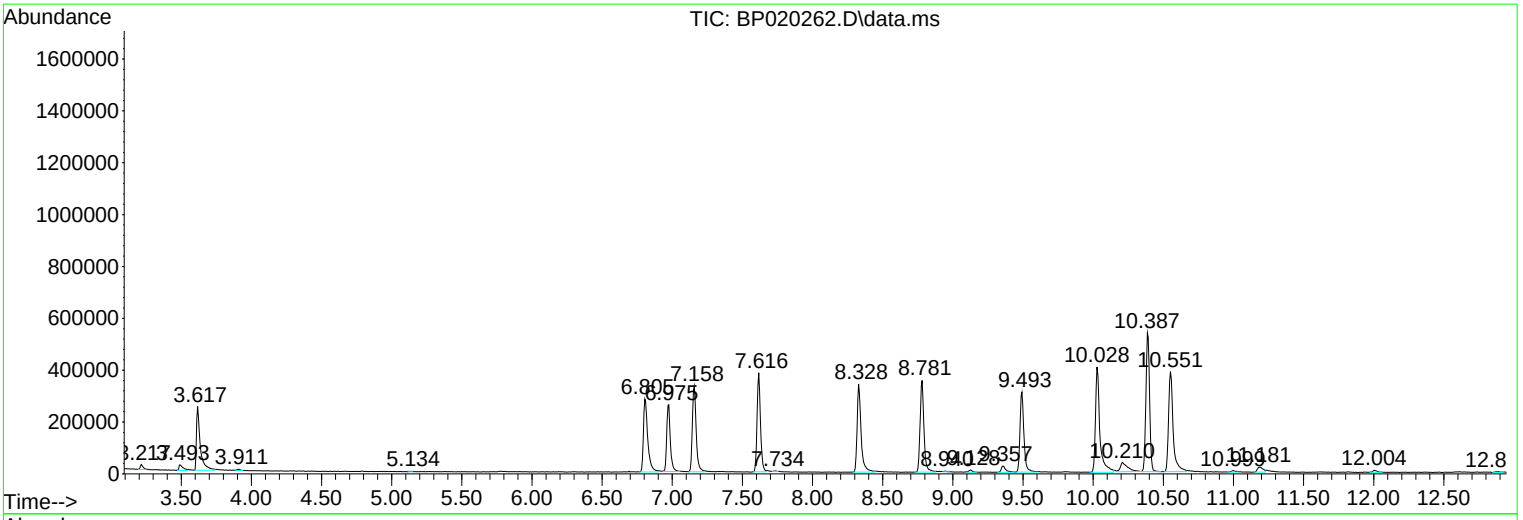
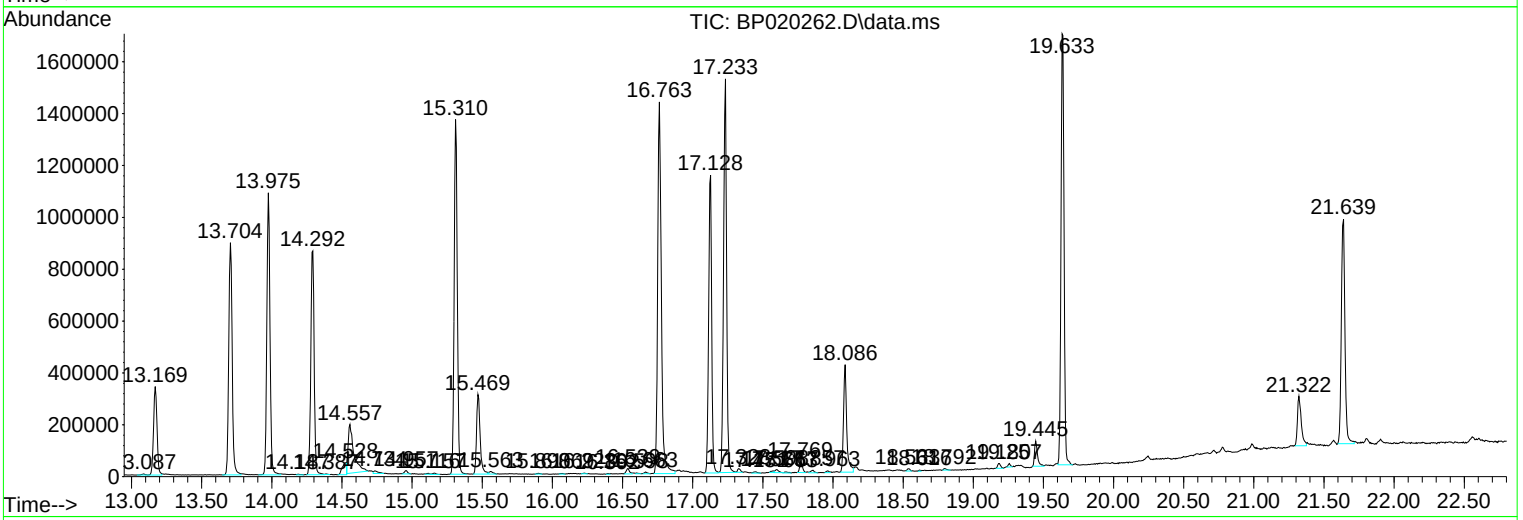
Misc :
ALS Vial : 30 Sample Multiplier: 1

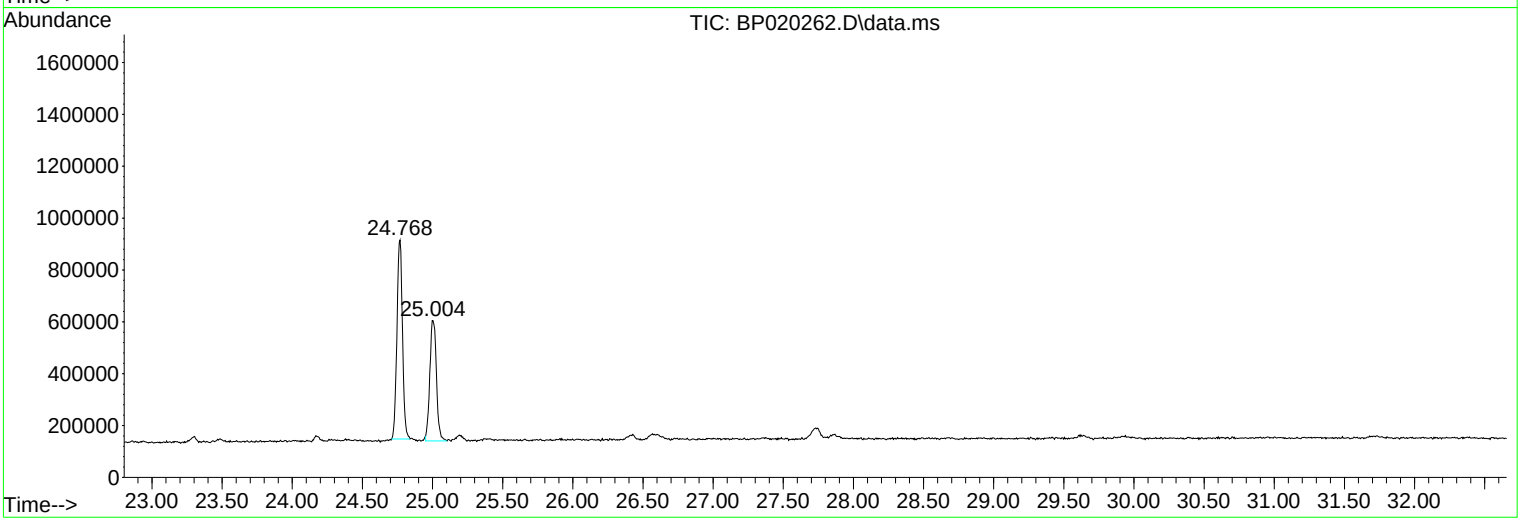
Instrument :
BNA_P
ClientSampleId :
A43N3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.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\BP050824\
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Acq On : 09 May 2024 09:16
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Sample : P2369-09
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N3

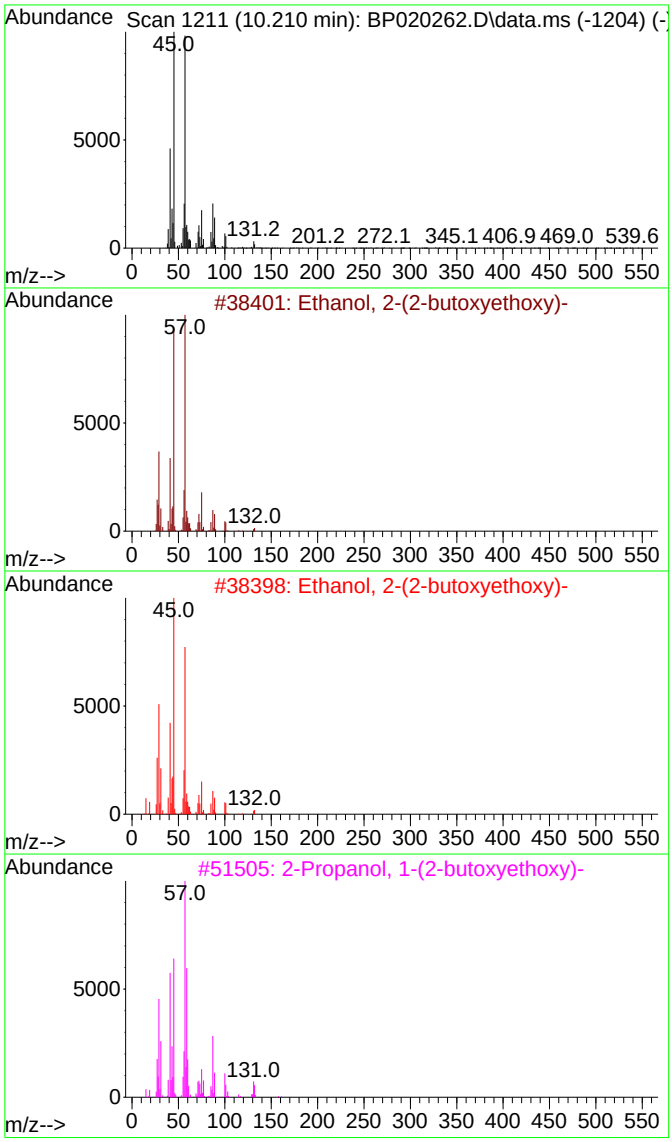
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

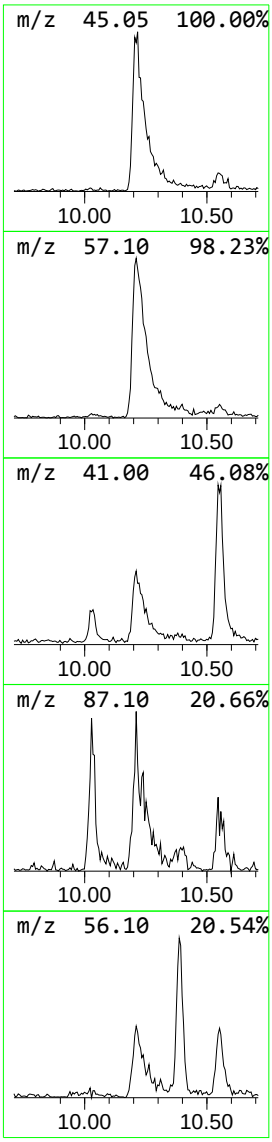
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.210	2.60 ng/ul	128641	Naphthalene-d8	10.387

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
3	2-Propanol, 1-(2-butoxyethoxy)-	176	C9H20O3	000124-16-3	72
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64
5	Diisopropyl ether	102	C6H14O	000108-20-3	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050824\
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Operator : MA/JU
Sample : P2369-09
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ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A43N3

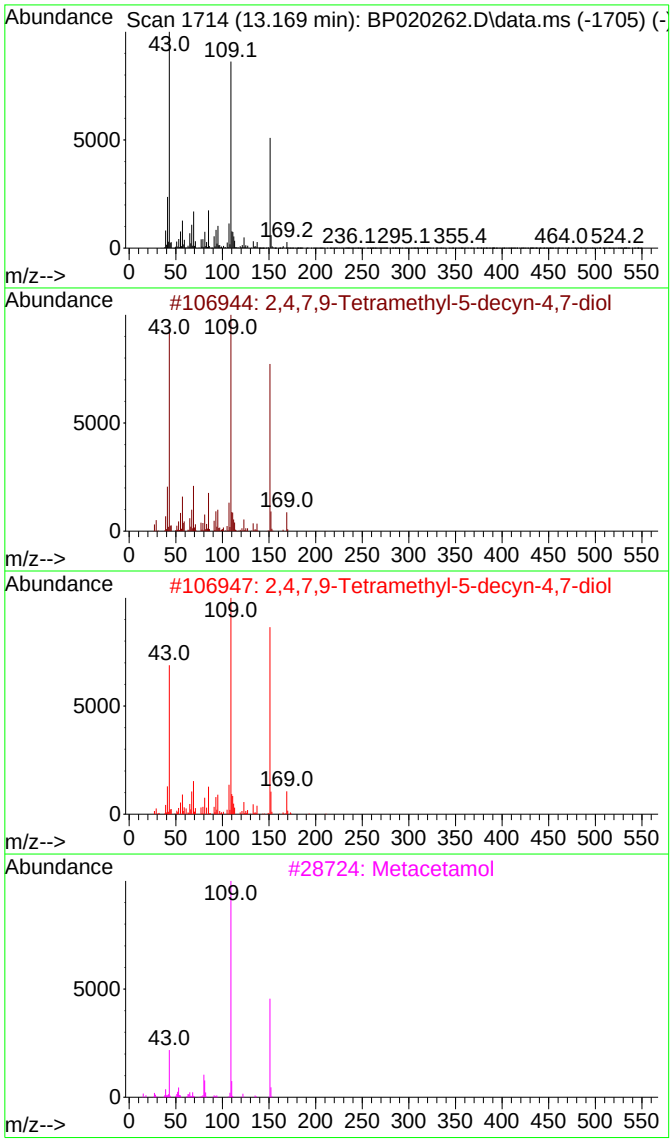
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

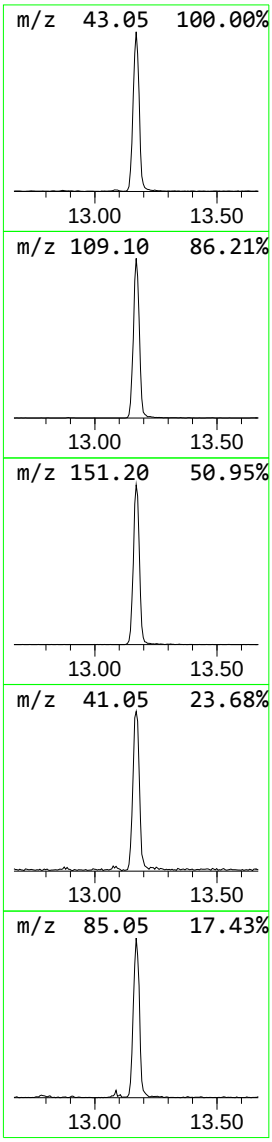
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.169	8.17 ng/ul	588950	Acenaphthene-d10	14.287

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
3	Metacetamol	151	C8H9NO2	000621-42-1	59
4	p-Isopropoxyaniline	151	C9H13NO	007664-66-6	59
5	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	59





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Sample : P2369-09
Misc :
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Instrument :
BNA_P
ClientSampleId :
A43N3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

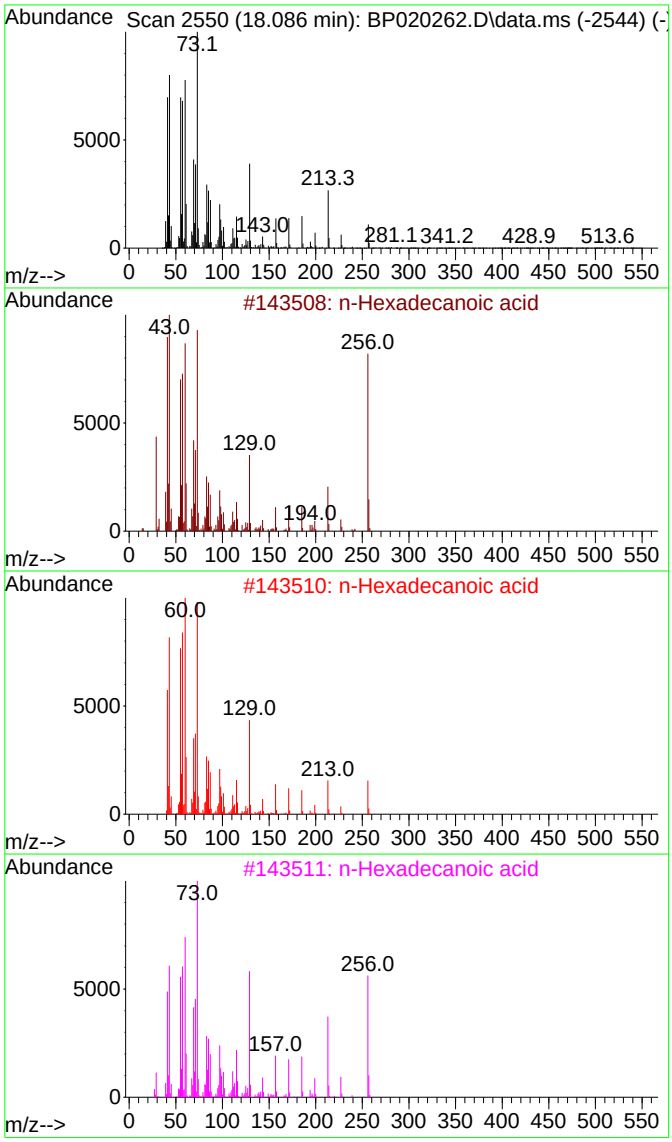
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

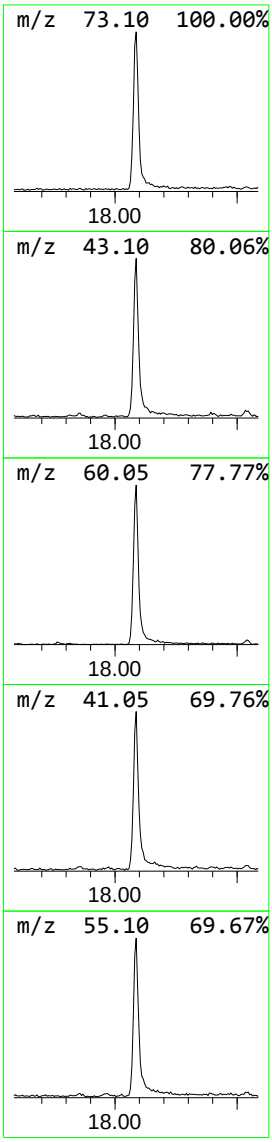
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	7.50 ng/ul	646594	Phenanthrene-d10	17.128

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





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Instrument :
BNA_P
ClientSampleId :
A43N3

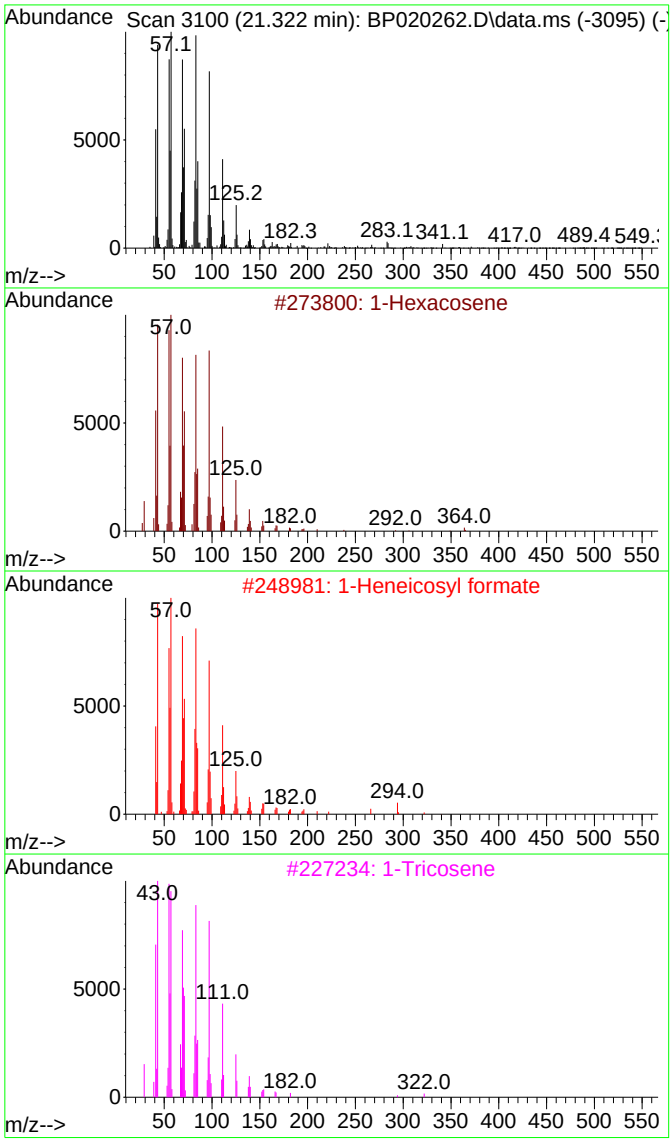
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
Quant Title : SVOA CALIBRATION

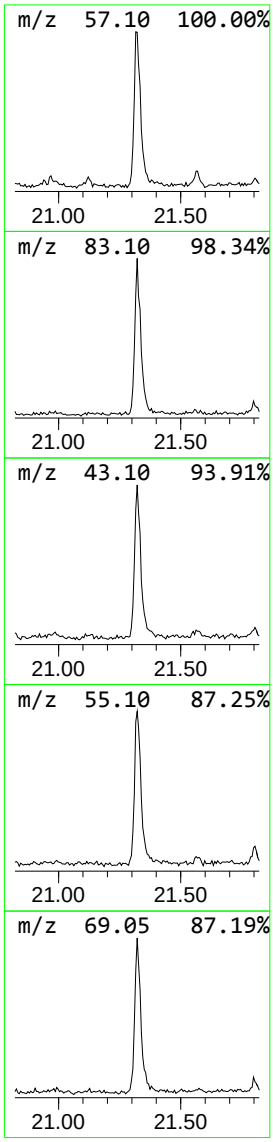
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.322	4.71 ng/ul	357843	Chrysene-d12	21.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	1-Tricosene	322	C23H46	018835-32-0	94
4	Nonacos-1-ene	406	C29H58	018835-35-3	94
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94





Tentatively Identified Compound (LSC) summary

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.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
Ethanol, 2-(2-b...	10.210	2.6	ng/ul	128641	2	10.387	991102	20.0
2,4,7,9-Tetrame...	13.169	8.2	ng/ul	588950	3	14.287	1441520	20.0
n-Hexadecanoic ...	18.086	7.5	ng/ul	646594	4	17.128	1723630	20.0
(DEL) Alkane: S...	21.322	4.7	ng/ul	357843	5	21.639	1520370	20.0