LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP021011.D
Acq On : 17 Jul 2024 06:17
Operator : MA/JU
Sample : P3178-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4BT5

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-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021011.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.240	40	43	51	rVB	32705	43002	1.01%	0.087%
2	3.522	87	91	106	rVB	110943	162131	3.79%	0.327%
3	3.658	111	114	135	rBV	407503	602316	14.10%	1.216%
4	3.964	162	166	173	rVB2	36167	50278	1.18%	0.102%
5	4.516	257	260	264	rBV6	3407	5535	0.13%	0.011%
6	4.858	315	318	325	rVB	9319	14786	0.35%	0.030%
7	5.828	478	483	492	rVB3	7348	16361	0.38%	0.033%
8	6.799	645	648	653	rVB7	2794	4500	0.11%	0.009%
9	6.893	657	664	682	rBV	539851	972370	22.75%	1.964%
10	7.046	684	690	704	rVB	439864	726536	17.00%	1.467%
11	7.240	716	723	731	rBV	611606	983808	23.02%	1.987%
12	7.328	735	738	752	rVV2	13026	38195	0.89%	0.077%
13	7.434	752	756	762	rVB3	9943	16116	0.38%	0.033%
14	7.693	793	800	810	rBV	874084	1388932	32.50%	2.805%
15	7.781	813	815	824	rVB4	10268	18300	0.43%	0.037%
16	8.222	885	890	895	rBV9	2813	4455	0.10%	0.009%
17	8.405	913	921	930	rBV	620665	1195778	27.98%	2.415%
18	8.846	987	996	1013	rBV	451107	950402	22.24%	1.919%
19	8.981	1015	1019	1029	rVB	5465	15751	0.37%	0.032%
20	9.193	1050	1055	1061	rVB4	8638	16588	0.39%	0.034%
21	9.316	1069	1076	1079	rBV9	3199	5222	0.12%	0.011%
22	9.399	1082	1090	1098	rBV2	49686	97338	2.28%	0.197%
23	9.552	1108	1116	1130	rBV	422827	810513	18.97%	1.637%
24	10.099	1201	1209	1227	rBV	646603	1243560	29.10%	2.511%
25	10.451	1263	1269	1286	rVB	1152049	1909880	44.69%	3.857%
26	10.599	1286	1294	1322	rBV	516131	1137790	26.63%	2.298%
27	10.998	1356	1362	1371	rBV10	10870	36935	0.86%	0.075%
28	11.210	1390	1398	1410	rBV2	76773	231020	5.41%	0.467%
29	11.863	1502	1509	1514	rBV9	2972	5038	0.12%	0.010%
30	12.034	1533	1538	1546	rVB2	11692	21801	0.51%	0.044%
31	12.110	1546	1551	1555	rBV7	2820	5925	0.14%	0.012%
32	12.287	1577	1581	1585	rBV2	4356	6888	0.16%	0.014%
33	12.804	1667	1669	1675	rVB7	3643	4636	0.11%	0.009%
34	12.904	1679	1686	1692	rBV7	3813	11380	0.27%	0.023%
35	13.104	1716	1720	1724	rBV2	8281	9647	0.23%	0.019%
36	13.257	1741	1746	1752	rBV10	5369	12601	0.29%	0.025%

LSC Area Percent Report

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Sample : P3178-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BT5

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_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

37	13.504	1782	1788	1796	rBV4	10995	32448	0.76%	0.066%
38	13.604	1801	1805	1813	rVB10	4982	9082	0.21%	0.018%
39	13.716	1813	1824	1839	rBV	1087034	1798015	42.08%	3.631%
40	13.998	1861	1872	1884	rBV	1533070	2224623	52.06%	4.493%
41	14.128	1892	1894	1897	rVB3	4656	4857	0.11%	0.010%
42	14.198	1901	1906	1910	rBV6	9050	14658	0.34%	0.030%
43	14.245	1910	1914	1918	rBV5	7661	10524	0.25%	0.021%
44	14.304	1918	1924	1933	rBV	1767958	2472729	57.87%	4.994%
45	14.528	1955	1962	1966	rBV3	62943	136647	3.20%	0.276%
46	14.581	1966	1971	1982	rVV3	240242	629449	14.73%	1.271%
47	15.098	2055	2059	2065	rBV7	9155	17805	0.42%	0.036%
48	15.157	2065	2069	2075	rBV7	7419	13896	0.33%	0.028%
49	15.316	2090	2096	2110	rBV	1778364	2798071	65.48%	5.651%
50	15.475	2115	2123	2134	rBV	355610	674654	15.79%	1.363%
51	16.069	2216	2224	2230	rBV2	47166	107633	2.52%	0.217%
52	16.628	2317	2319	2324	rVB6	17147	24060	0.56%	0.049%
53	16.981	2375	2379	2382	rBV2	48824	68283	1.60%	0.138%
54	17.016	2383	2385	2393	rVB2	46967	62185	1.46%	0.126%
55	17.122	2396	2403	2408	rBV	2258943	3189845	74.65%	6.442%
56	17.157	2408	2409	2413	rVV	82323	84146	1.97%	0.170%
57	17.216	2413	2419	2428	rVV	2204833	3093081	72.38%	6.247%
58	17.292	2428	2432	2436	rVB	67298	84158	1.97%	0.170%
59	17.580	2477	2481	2485	rBV	66488	95598	2.24%	0.193%
60	17.733	2500	2507	2514	rVB	174109	322049	7.54%	0.650%
61	17.851	2524	2527	2533	rVB7	32063	58015	1.36%	0.117%
62	18.039	2554	2559	2564	rBV2	249579	447013	10.46%	0.903%
63	18.222	2585	2590	2595	rBV2	186115	276753	6.48%	0.559%
64	18.280	2596	2600	2604	rVV2	108082	160671	3.76%	0.324%
65	18.328	2605	2608	2614	rVV4	69885	113867	2.66%	0.230%
66	18.445	2625	2628	2633	rVB3	86711	109406	2.56%	0.221%
67	18.510	2635	2639	2645	rBV2	136959	269773	6.31%	0.545%
68	18.698	2668	2671	2675	rVB	71781	86546	2.03%	0.175%
69	19.075	2732	2735	2739	rBV2	75574	122063	2.86%	0.247%
70	19.116	2739	2742	2750	rVB6	88173	154629	3.62%	0.312%
71	19.245	2761	2764	2769	rVB	172174	241464	5.65%	0.488%
72	19.380	2783	2787	2788	rBV3	95916	124859	2.92%	0.252%
73	19.598	2818	2824	2839	rVB	2768924	4273221	100.00%	8.630%
74	21.204	3093	3097	3107	rVB	525642	928082	21.72%	1.874%
75	21.545	3149	3155	3162	rBV2	2220380	3706168	86.73%	7.485%
76	24.615	3669	3677	3687	rBV2	1475622	3896356	91.18%	7.869%

LSC Area Percent Report

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Operator : MA/JU
Sample : P3178-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4BT5

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_P\Methods\SFAM-EPA-BP071024.MA.M
Title : SVOA CALIBRATION

77	24.851	3708	3717	3725	rBV2	1618626	3802025	88.97%	7.678%

Sum of corrected areas: 49515721

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Instrument :
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ClientSampleId :
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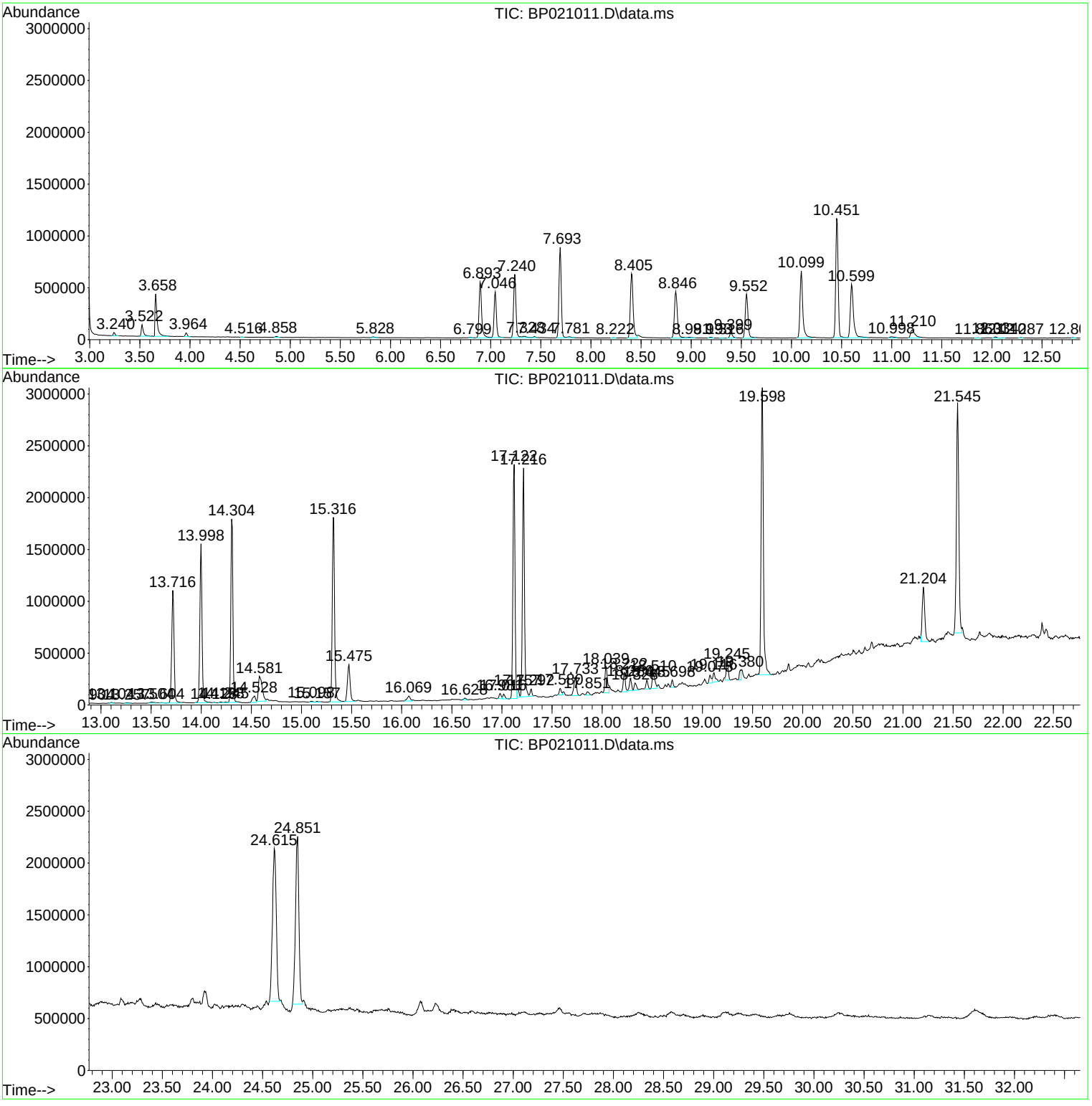
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
Data File : BP021011.D
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Operator : MA/JU
Sample : P3178-10
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Instrument :
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ClientSampleId :
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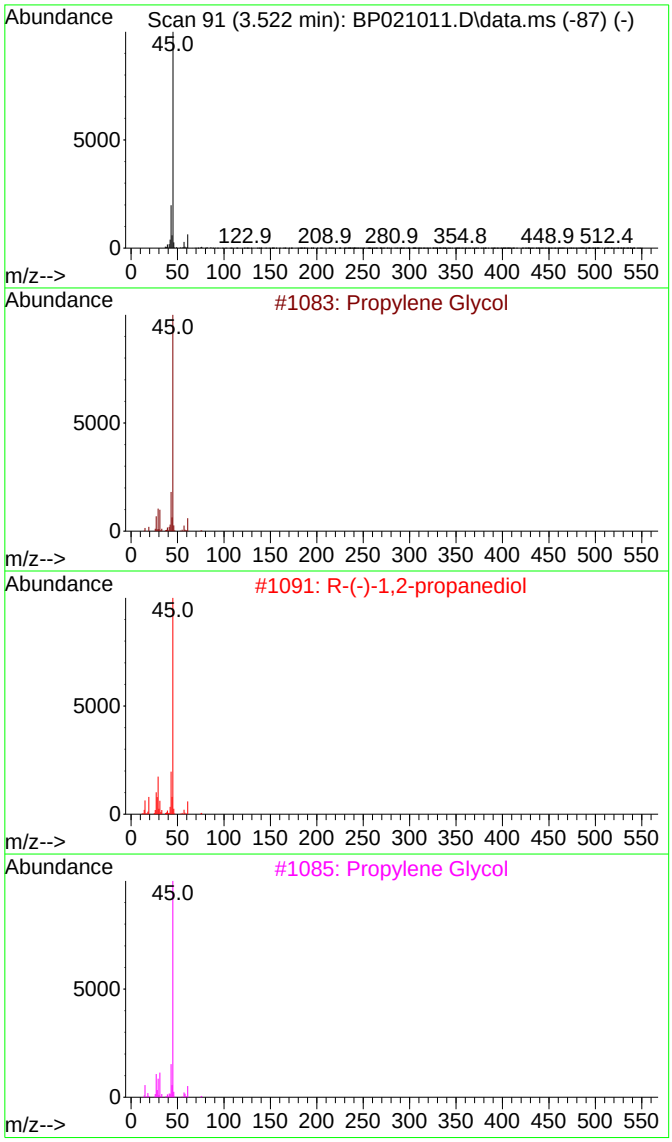
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

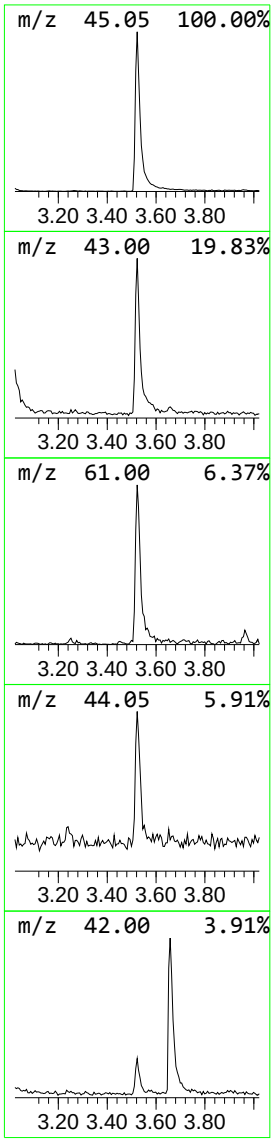
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propylene Glycol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.522	2.33 ng/ul	162131	1,4-Dichlorobenzene-d4	7.693

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	86
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	72
3	Propylene Glycol	76	C3H8O2	000057-55-6	56
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	56
5	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	56





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Instrument :
BNA_P
ClientSampleId :
A4BT5

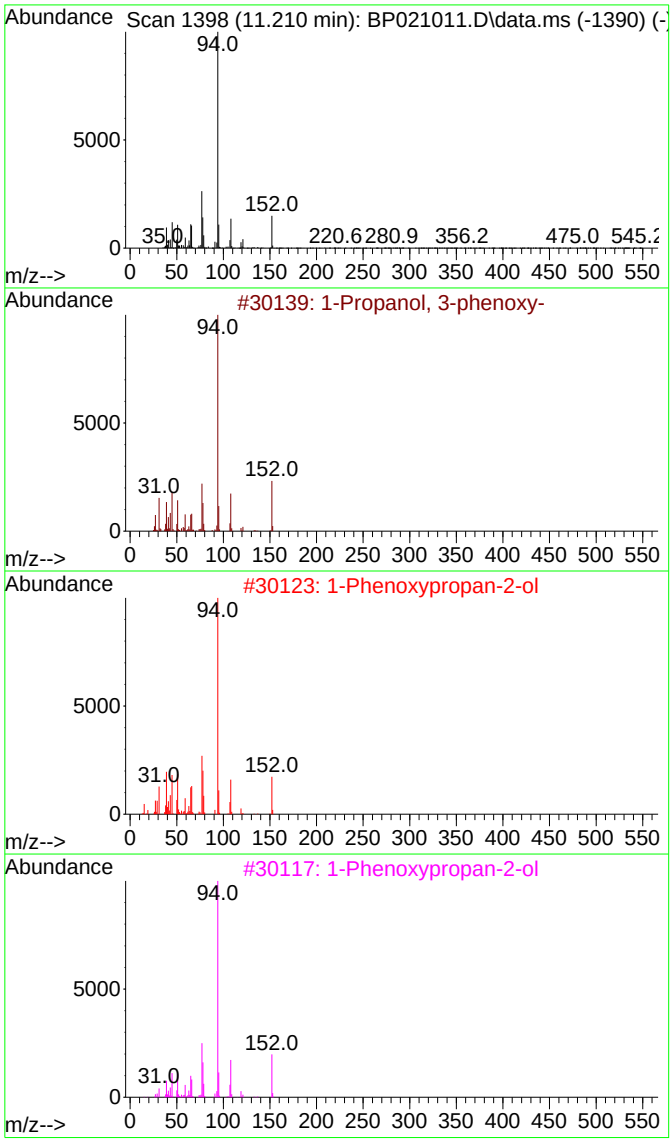
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

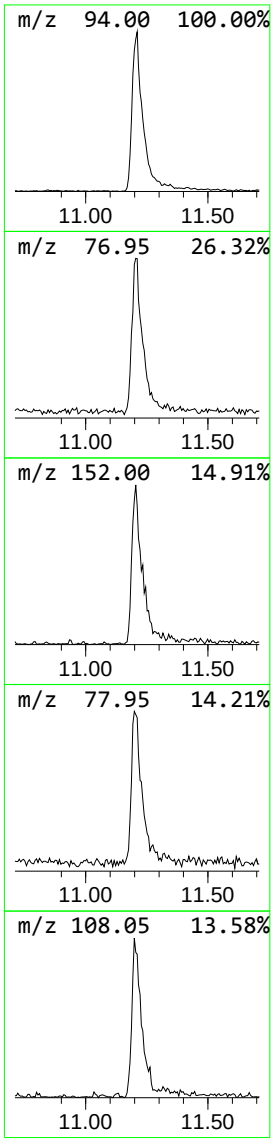
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Propanol, 3-phenoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.210	2.42 ng/ul	231020	Naphthalene-d8	10.451

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	87
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	64
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	64
4	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	60
5	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	60





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Instrument :
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ClientSampleId :
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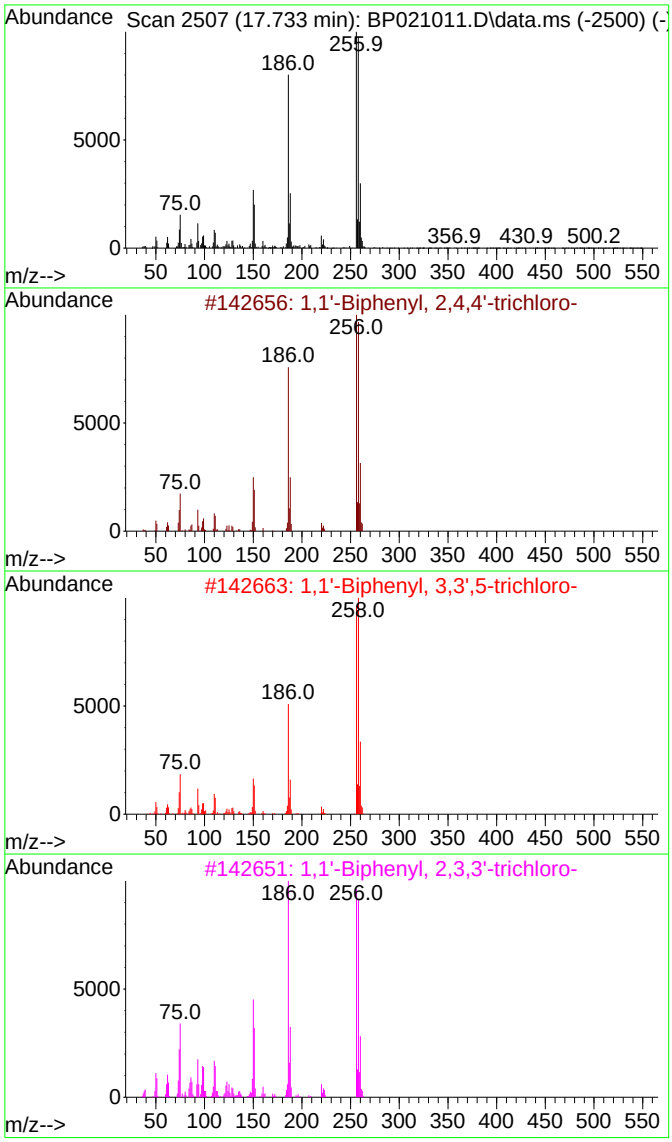
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

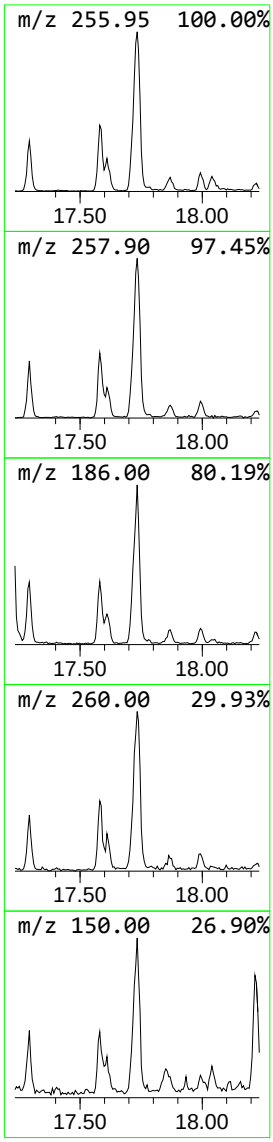
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.733	2.02 ng/ul	322049	Phenanthrene-d10	17.122

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, 3,3',5-trichloro-	256	C12H7Cl3	038444-87-0	99
3	1,1'-Biphenyl, 2,3,3'-trichloro-	256	C12H7Cl3	038444-84-7	99
4	2,4',6-Trichloro-1,1'-biphenyl	256	C12H7Cl3	038444-77-8	99
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	99





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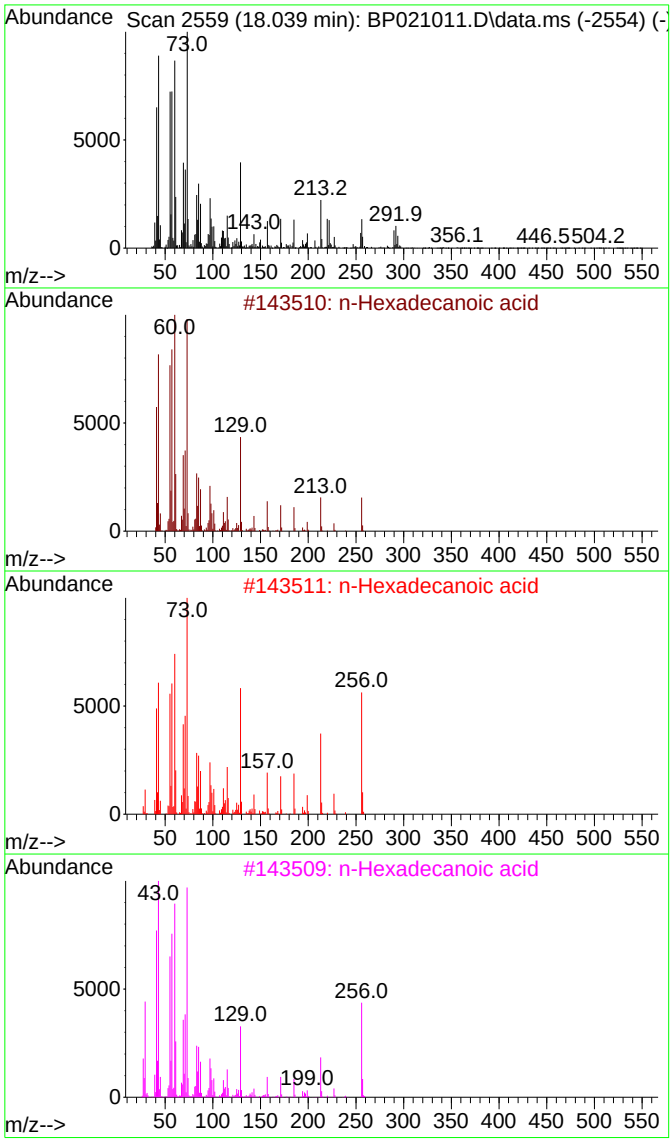
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

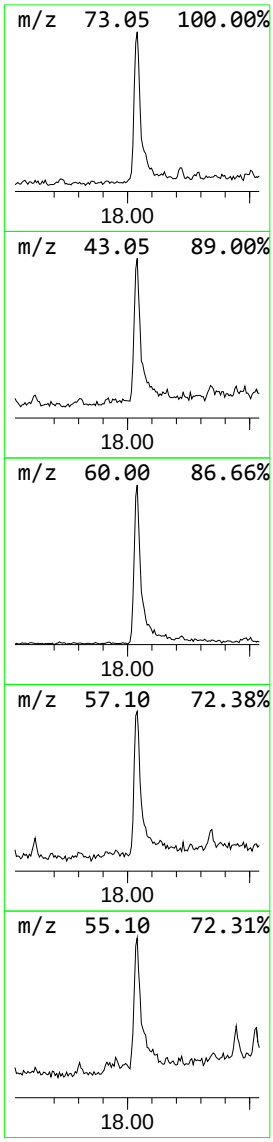
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.039	2.80 ng/ul	447013	Phenanthrene-d10	17.122

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	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	89





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Instrument :
BNA_P
ClientSampleId :
A4BT5

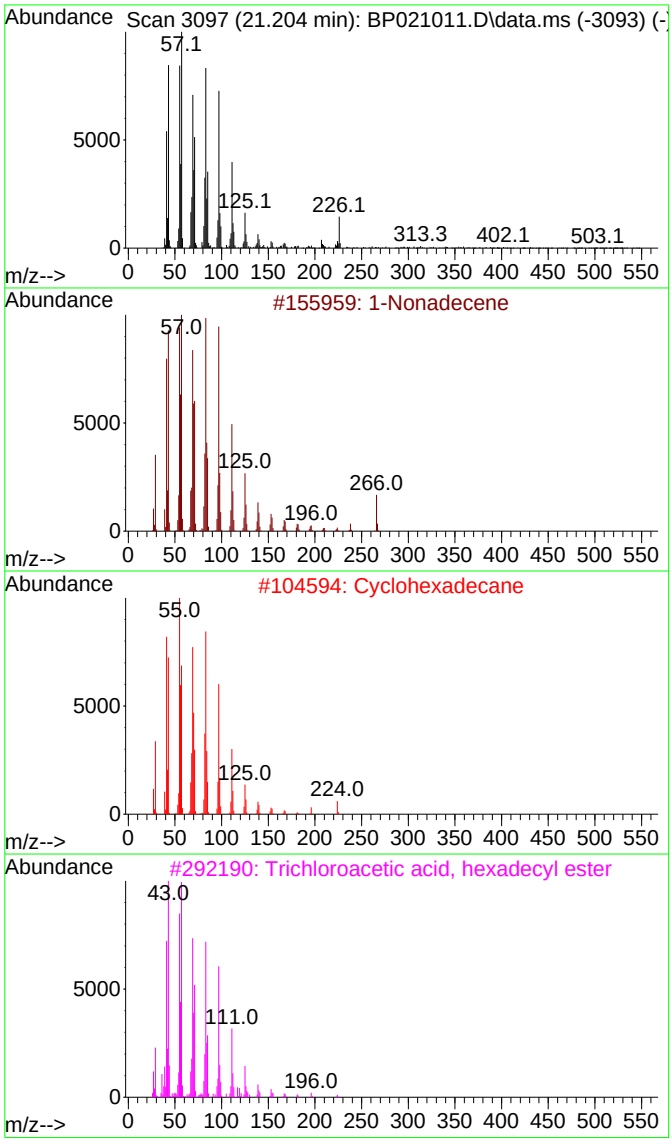
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

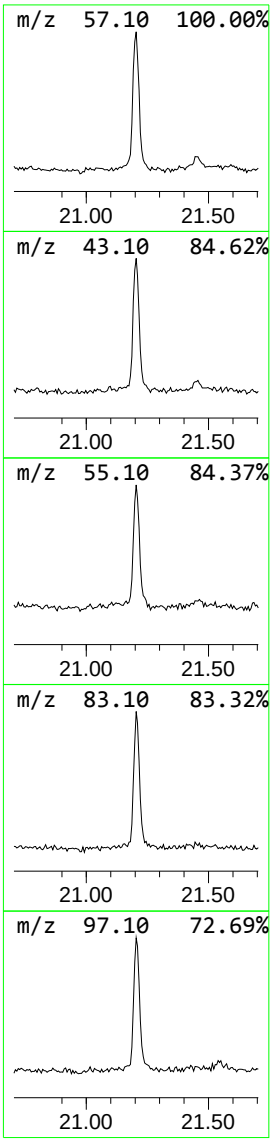
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.204	5.01 ng/ul	928082	Chrysene-d12	21.545

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	97
2	Cyclohexadecane	224	C16H32	000295-65-8	94
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	Pentacos-1-ene	350	C25H50	016980-85-1	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Tentatively Identified Compound (LSC) summary

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Instrument :
BNA_P
ClientSampleId :
A4BT5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.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
Propylene Glycol	3.522	2.3	ng/ul	162131	1	7.693	1388930	20.0
1-Propanol, 3-p...	11.210	2.4	ng/ul	231020	2	10.451	1909880	20.0
1,1'-Biphenyl, ...	17.733	2.0	ng/ul	322049	4	17.122	3189850	20.0
n-Hexadecanoic ...	18.039	2.8	ng/ul	447013	4	17.122	3189850	20.0
(DEL) Alkane: S...	21.204	5.0	ng/ul	928082	5	21.545	3706170	20.0