LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021425\
Data File : BP024063.D
Acq On : 14 Feb 2025 16:04
Operator : RC/JU
Sample : Q1275-01DL 100X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCZT0DL

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-BP012925.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP024063.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.722	105	108	118	rBV	33642	64786	0.10%	0.056%
2	3.911	134	140	147	rBV	89125	137011	0.22%	0.119%
3	5.587	420	425	432	rBV	48655	69904	0.11%	0.061%
4	6.946	648	656	662	rBV	47044	84530	0.13%	0.073%
5	7.099	676	682	689	rBV	158648	247503	0.39%	0.214%
6	7.305	711	717	727	rVB	163785	257363	0.41%	0.223%
7	7.763	787	795	801	rBV	1645081	2548211	4.04%	2.206%
8	7.828	801	806	819	rVB	544021	867092	1.37%	0.751%
9	7.981	826	832	837	rVB	71592	109649	0.17%	0.095%
10	8.463	908	914	923	rBV	135971	227058	0.36%	0.197%
11	8.905	978	989	998	rVB	162735	287775	0.46%	0.249%
12	9.057	1004	1015	1028	rBV	390596	763583	1.21%	0.661%
13	9.281	1044	1053	1058	rBV	43520	78108	0.12%	0.068%
14	9.616	1103	1110	1118	rBV	125086	230955	0.37%	0.200%
15	10.163	1195	1203	1209	rBV	202519	357845	0.57%	0.310%
16	10.528	1258	1265	1272	rBV	2578816	3858586	6.11%	3.340%
17	10.663	1280	1288	1297	rBV	200322	388298	0.62%	0.336%
18	10.904	1324	1329	1336	rVB	206582	312066	0.49%	0.270%
19	11.428	1406	1418	1424	rBV5	36560	93272	0.15%	0.081%
20	11.487	1424	1428	1438	rVB2	42879	74863	0.12%	0.065%
21	11.793	1475	1480	1486	rVB	202386	299871	0.48%	0.260%
22	11.987	1509	1513	1519	rVB	162272	230098	0.36%	0.199%
23	12.134	1530	1538	1545	rVB2	85994	158371	0.25%	0.137%
24	12.216	1545	1552	1558	rBV	60048	95142	0.15%	0.082%
25	12.604	1612	1618	1621	rBV	133040	232377	0.37%	0.201%
26	12.645	1621	1625	1629	rVB	164992	257680	0.41%	0.223%
27	13.310	1724	1738	1744	rBV4	80073	172451	0.27%	0.149%
28	13.775	1812	1817	1827	rVB	453716	625965	0.99%	0.542%
29	14.063	1857	1866	1873	rBV	503006	743651	1.18%	0.644%
30	14.375	1912	1919	1927	rBV	3663123	5146628	8.15%	4.455%
31	14.587	1950	1955	1964	rVB7	32337	66880	0.11%	0.058%
32	14.681	1964	1971	1977	rVV2	113776	238907	0.38%	0.207%
33	14.739	1978	1981	1991	rVB3	54243	91841	0.15%	0.079%
34	14.928	2006	2013	2017	rBV	150982	224317	0.36%	0.194%
35	15.010	2017	2027	2046	rVB	6426926	8846311	14.01%	7.657%
36	15.239	2061	2066	2075	rVB3	40663	88354	0.14%	0.076%

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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCZT0DL

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-BP012925.MA.M
Title : SVOA CALIBRATION

37	15.375	2082	2089	2098	rBV	756260	992518	1.57%	0.859%
38	15.487	2103	2108	2112	rBV2	234681	348505	0.55%	0.302%
39	16.222	2228	2233	2237	rBV	68093	93295	0.15%	0.081%
40	16.475	2270	2276	2284	rBV	330524	477491	0.76%	0.413%
41	16.822	2322	2335	2348	rBV	35979189	63121664	100.00%	54.637%
42	17.157	2386	2392	2404	rBV2	3990462	6101918	9.67%	5.282%
43	17.263	2404	2410	2420	rVB	713200	1055772	1.67%	0.914%
44	17.522	2449	2454	2466	rVB	620515	837401	1.33%	0.725%
45	18.069	2541	2547	2551	rBV2	65491	119184	0.19%	0.103%
46	19.122	2721	2726	2731	rBV	255031	357614	0.57%	0.310%
47	19.622	2806	2811	2817	rBV	862370	1147998	1.82%	0.994%
48	21.586	3139	3145	3155	rBV2	3655157	5929409	9.39%	5.132%
49	24.698	3669	3674	3687	rVB	308833	809067	1.28%	0.700%
50	24.927	3705	3713	3730	rVB2	2213244	5560818	8.81%	4.813%

Sum of corrected areas: 115529956

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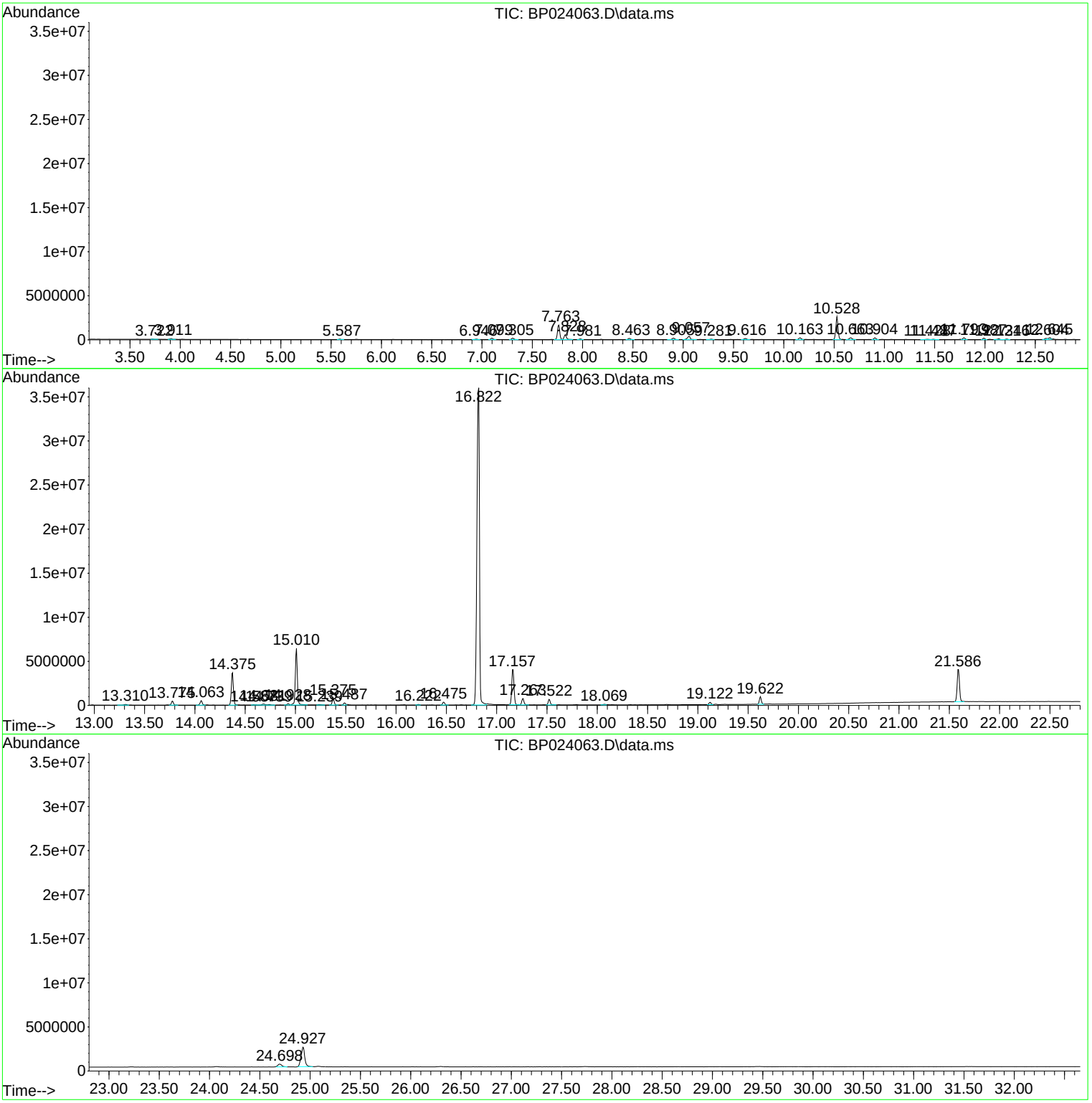
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

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



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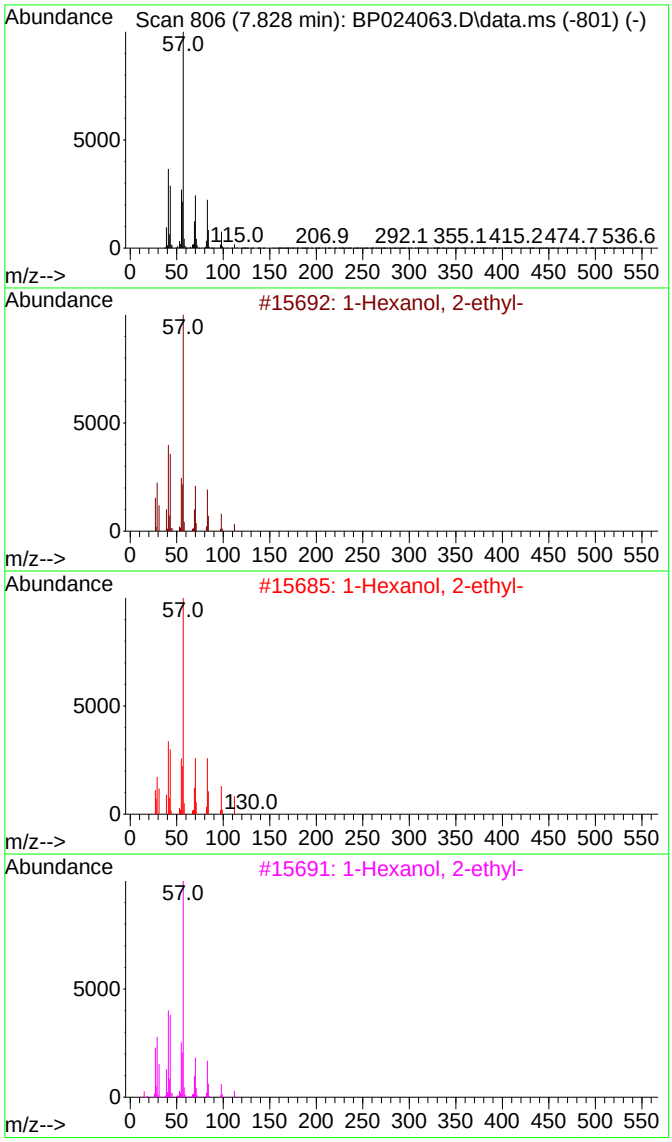
Quant Title : SVOA CALIBRATION

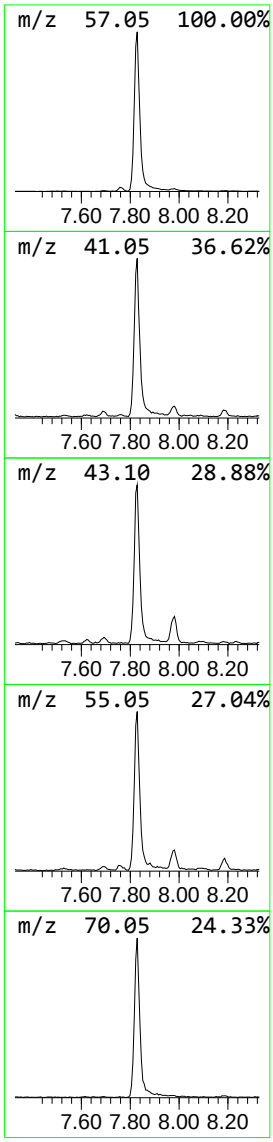
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.828	6.81 ng/ul	867092	1,4-Dichlorobenzene-d4	7.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000383-13-3	59





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Instrument :
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ClientSampleId :
DCZT0DL

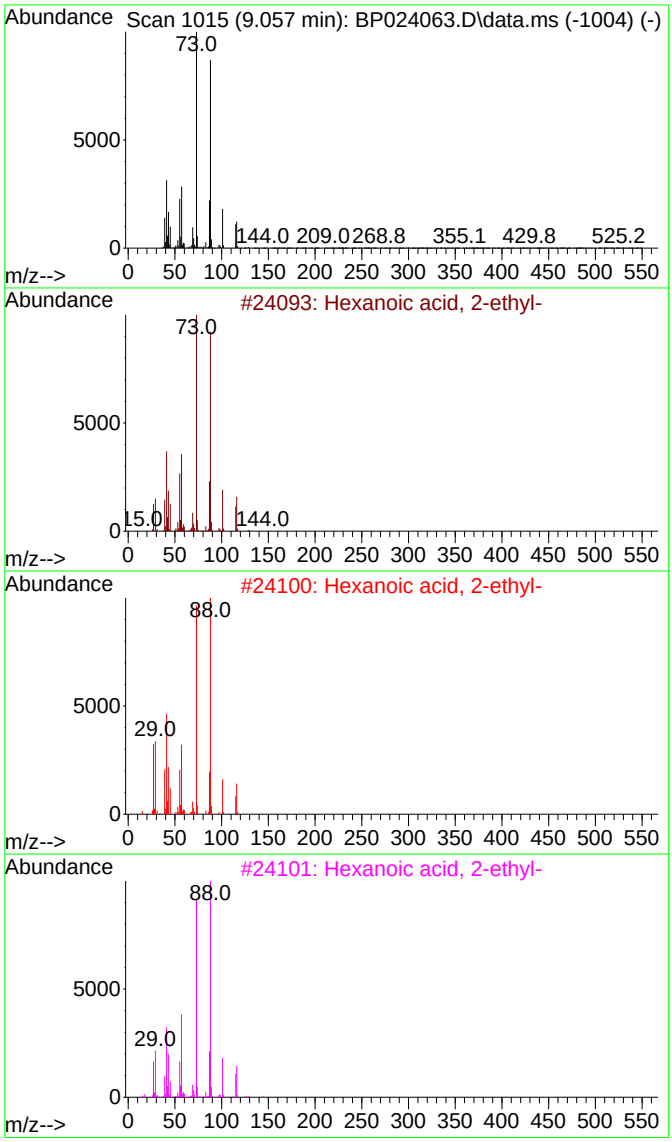
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

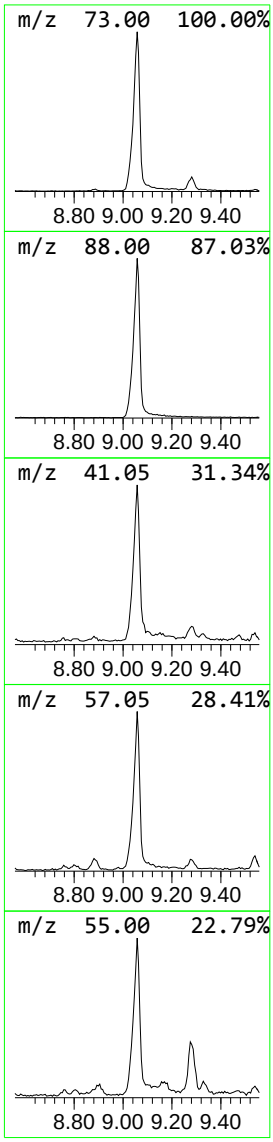
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexanoic acid, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.057	5.99 ng/ul	763583	1,4-Dichlorobenzene-d4	7.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
2	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	90
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	86
4	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	83
5	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	78





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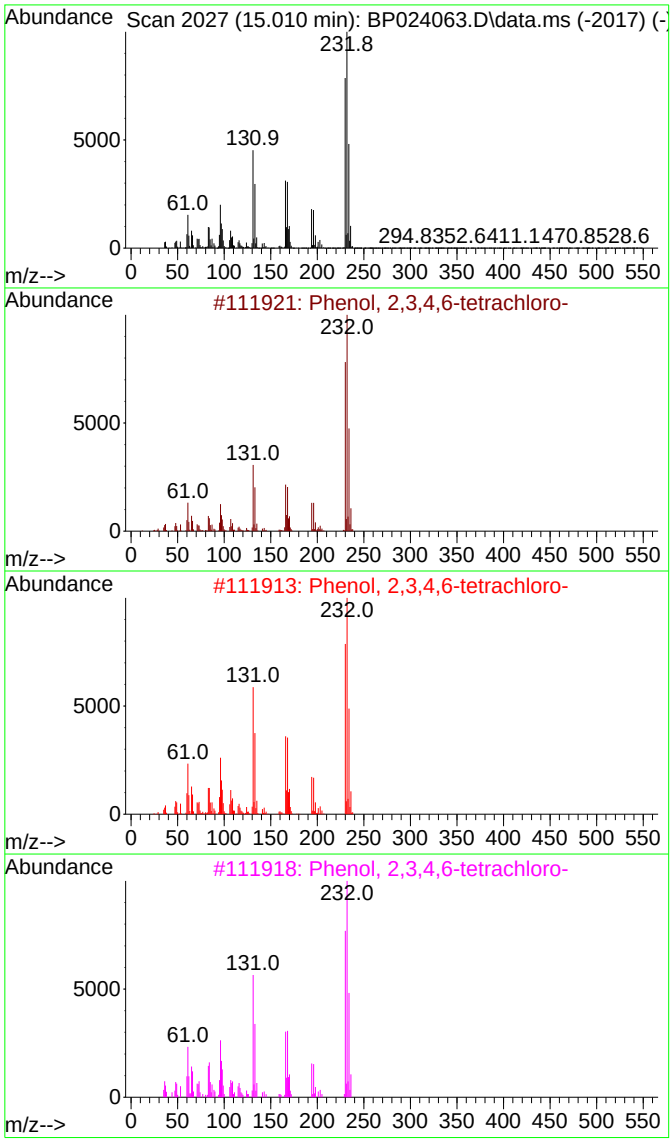
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

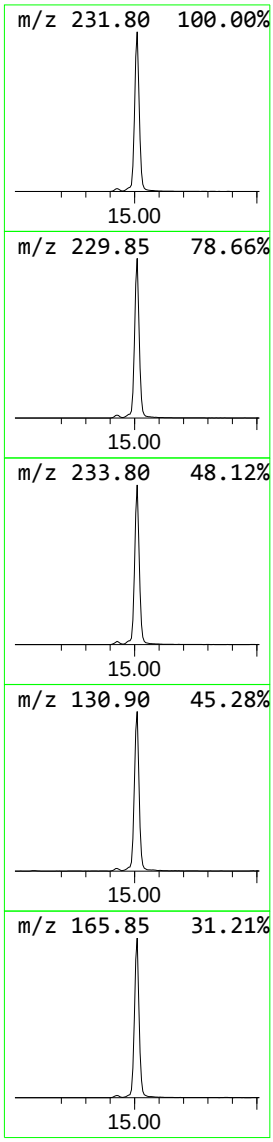
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Phenol, 2,3,4,6--tetrachloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.010	34.38 ng/ul	8846310	Acenaphthene-d10	14.375

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
2	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
3	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
4	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	98
5	Phenol, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	98





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Instrument :
BNA_P
ClientSampleId :
DCZT0DL

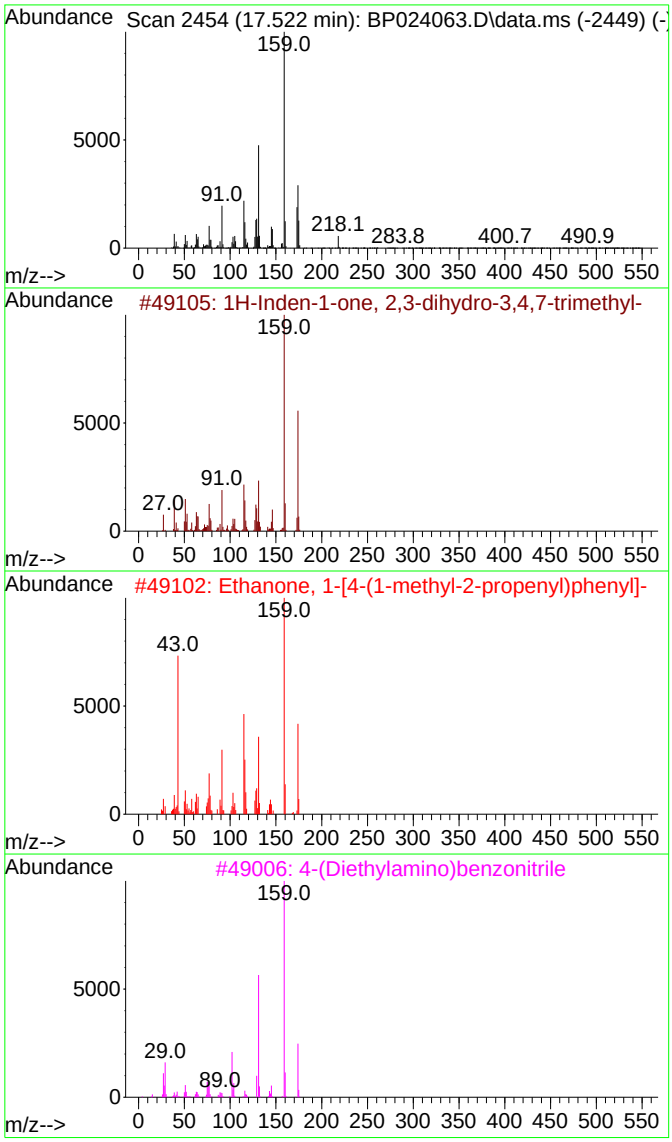
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

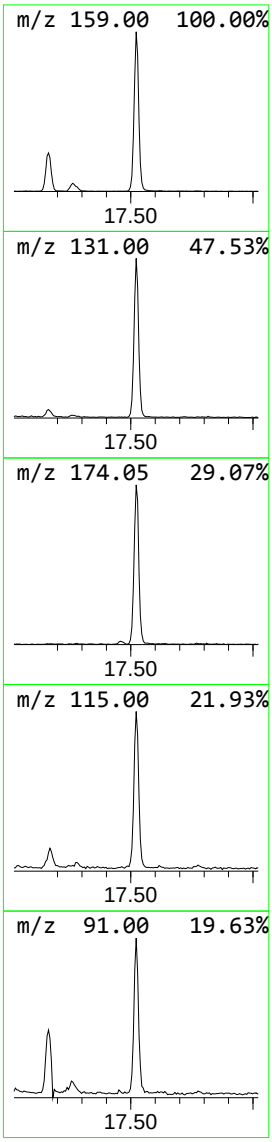
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.522	2.74 ng/ul	837401	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	90
2	Ethanone, 1-[4-(1-methyl-2-prope...	174	C12H14O	109586-49-4	81
3	4-(Diethylamino)benzonitrile	174	C11H14N2	002873-90-7	74
4	5',6',7',8'-Tetrahydro-2'-aceton...	174	C12H14O	000774-55-0	70
5	Phenol, 2-(2-pentyn-4-yl)-4-methyl-	174	C12H14O	1000258-83-7	64





Tentatively Identified Compound (LSC) summary

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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
1-Hexanol, 2-et...	7.828	6.8	ng/ul	867092	1	7.763	2548210	20.0
Hexanoic acid, ...	9.057	6.0	ng/ul	763583	1	7.763	2548210	20.0
Phenol, 2,3,4,6...	15.010	34.4	ng/ul	8846310	3	14.375	5146630	20.0
1H-Inden-1-one,...	17.522	2.7	ng/ul	837401	4	17.157	6101920	20.0