LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021425\
Data File : BP024059.D
Acq On : 14 Feb 2025 13:22
Operator : RC/JU
Sample : Q1275-04DL 100X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DCZT1DL

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: BP024059.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.905	133	139	148	rBV	84417	129679	0.23%	0.127%
2	6.946	648	656	661	rBV	41362	77201	0.14%	0.076%
3	7.093	676	681	688	rBV	133539	216148	0.38%	0.212%
4	7.305	706	717	726	rBV	146186	240877	0.42%	0.236%
5	7.758	787	794	801	rBV	1360015	2125129	3.75%	2.086%
6	7.828	801	806	820	rVB	396043	681160	1.20%	0.668%
7	7.975	826	831	837	rVB	55967	84944	0.15%	0.083%
8	8.463	908	914	924	rBV	118889	206231	0.36%	0.202%
9	8.899	981	988	997	rVB	143548	251081	0.44%	0.246%
10	9.058	1005	1015	1028	rBV	394496	756909	1.33%	0.743%
11	9.616	1102	1110	1117	rBV	103096	209569	0.37%	0.206%
12	10.157	1194	1202	1208	rBV	177716	313150	0.55%	0.307%
13	10.528	1257	1265	1272	rBV	1818965	3177687	5.60%	3.118%
14	10.663	1280	1288	1299	rBV	177692	350127	0.62%	0.344%
15	10.904	1323	1329	1336	rVB	146318	240863	0.42%	0.236%
16	11.422	1404	1417	1424	rBV4	31398	86056	0.15%	0.084%
17	11.487	1424	1428	1438	rVB	35067	61904	0.11%	0.061%
18	11.793	1475	1480	1486	rVB	164476	232290	0.41%	0.228%
19	11.987	1508	1513	1518	rVB	127002	178909	0.32%	0.176%
20	12.134	1528	1538	1544	rVB2	75764	131772	0.23%	0.129%
21	12.210	1546	1551	1557	rBV2	46393	71453	0.13%	0.070%
22	12.604	1612	1618	1620	rBV	112155	176582	0.31%	0.173%
23	12.640	1620	1624	1628	rVV2	188562	333324	0.59%	0.327%
24	12.675	1628	1630	1637	rVB	48011	65173	0.11%	0.064%
25	13.310	1730	1738	1743	rBV3	68798	130053	0.23%	0.128%
26	13.775	1811	1817	1829	rVB	399303	587254	1.04%	0.576%
27	14.063	1859	1866	1873	rBV	448899	656743	1.16%	0.644%
28	14.375	1911	1919	1935	rBV	2821970	4373133	7.71%	4.292%
29	14.693	1964	1973	1978	rBV4	96880	231872	0.41%	0.228%
30	14.751	1980	1983	1992	rVB2	44294	72066	0.13%	0.071%
31	14.928	2005	2013	2017	rBV2	137963	227054	0.40%	0.223%
32	15.010	2017	2027	2045	rVV	4961670	7844192	13.83%	7.698%
33	15.234	2062	2065	2075	rVB3	33217	80234	0.14%	0.079%
34	15.381	2084	2090	2100	rBV	626461	923737	1.63%	0.907%
35	15.492	2104	2109	2126	rVB3	222058	401677	0.71%	0.394%
36	16.228	2229	2234	2239	rVB2	71357	100842	0.18%	0.099%

LSC Area Percent Report

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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCZT1DL

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	16.487	2272	2278	2284	rVB	306044	395833	0.70%	0.388%
38	16.828	2324	2336	2356	rBV	34976903	56734051	100.00%	55.676%
39	17.169	2388	2394	2406	rBV2	3424802	5071874	8.94%	4.977%
40	17.275	2407	2412	2424	rVB	659195	1006990	1.77%	0.988%
41	17.539	2452	2457	2466	rVB	549293	733649	1.29%	0.720%
42	18.086	2547	2550	2560	rVB5	39027	76542	0.13%	0.075%
43	18.704	2651	2655	2660	rBV5	38020	59507	0.10%	0.058%
44	19.139	2724	2729	2734	rBV	257198	301903	0.53%	0.296%
45	19.645	2809	2815	2820	rBV	792423	1117414	1.97%	1.097%
46	21.604	3142	3148	3161	rBV	3222578	5400585	9.52%	5.300%
47	24.951	3708	3717	3734	rVB2	1797280	4974601	8.77%	4.882%

Sum of corrected areas: 101900024

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Misc :
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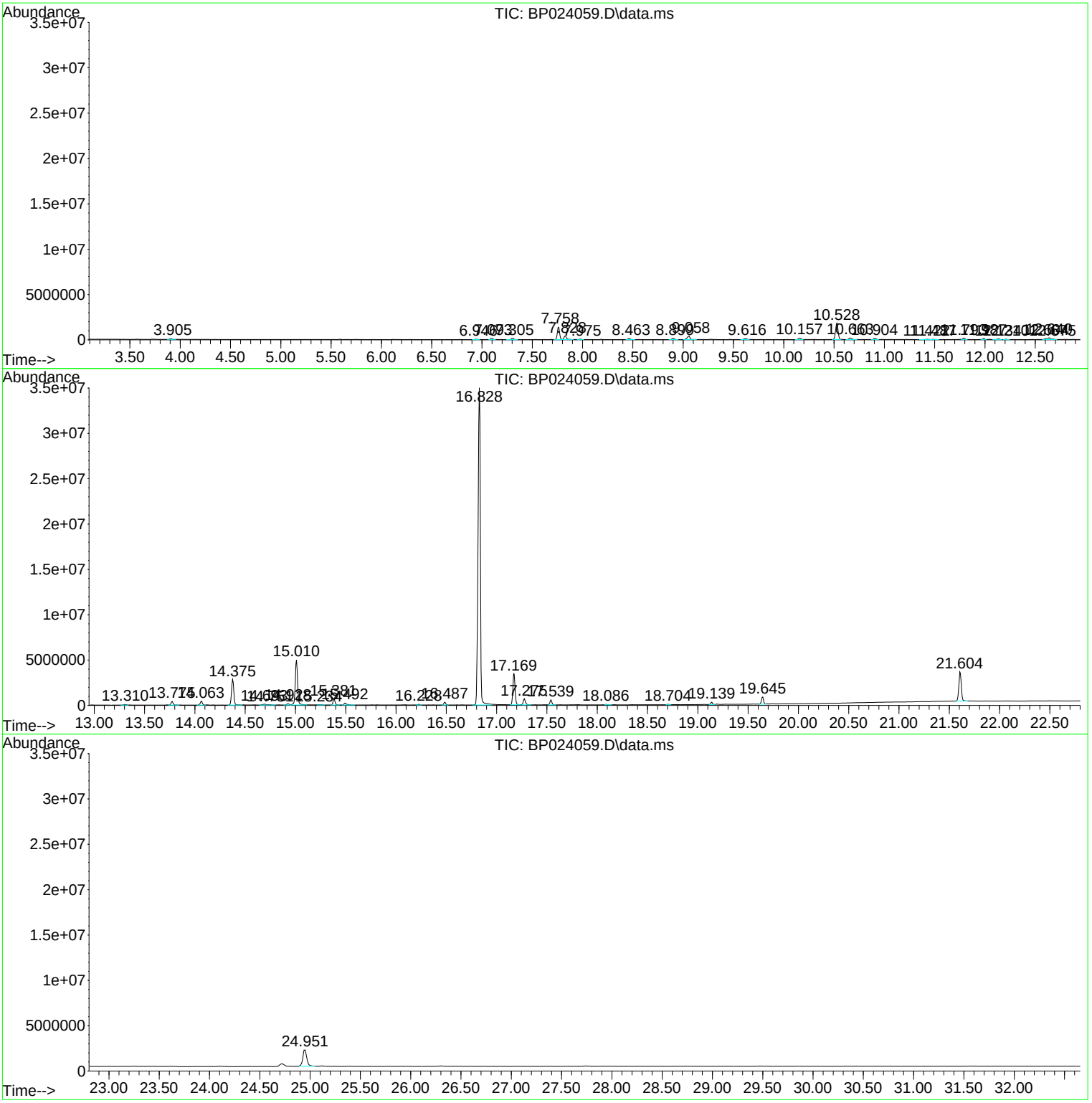
Instrument :
BNA_P
ClientSampleId :
DCZT1DL

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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Data File : BP024059.D
Acq On : 14 Feb 2025 13:22
Operator : RC/JU
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCZT1DL

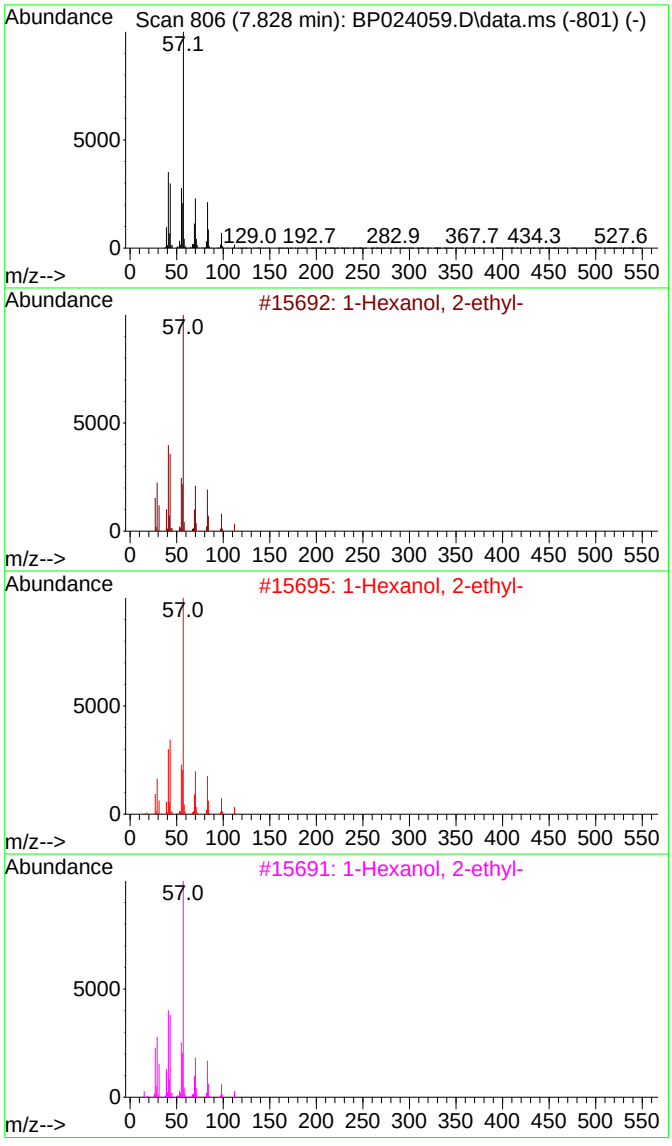
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

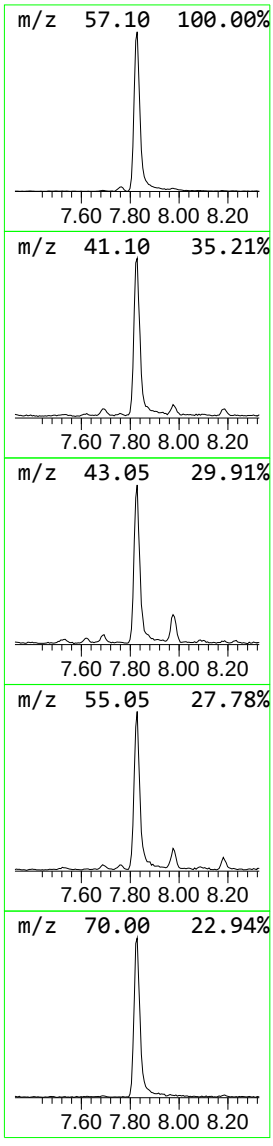
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.828	6.41 ng/ul	681160	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	83
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64





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Data File : BP024059.D
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCZT1DL

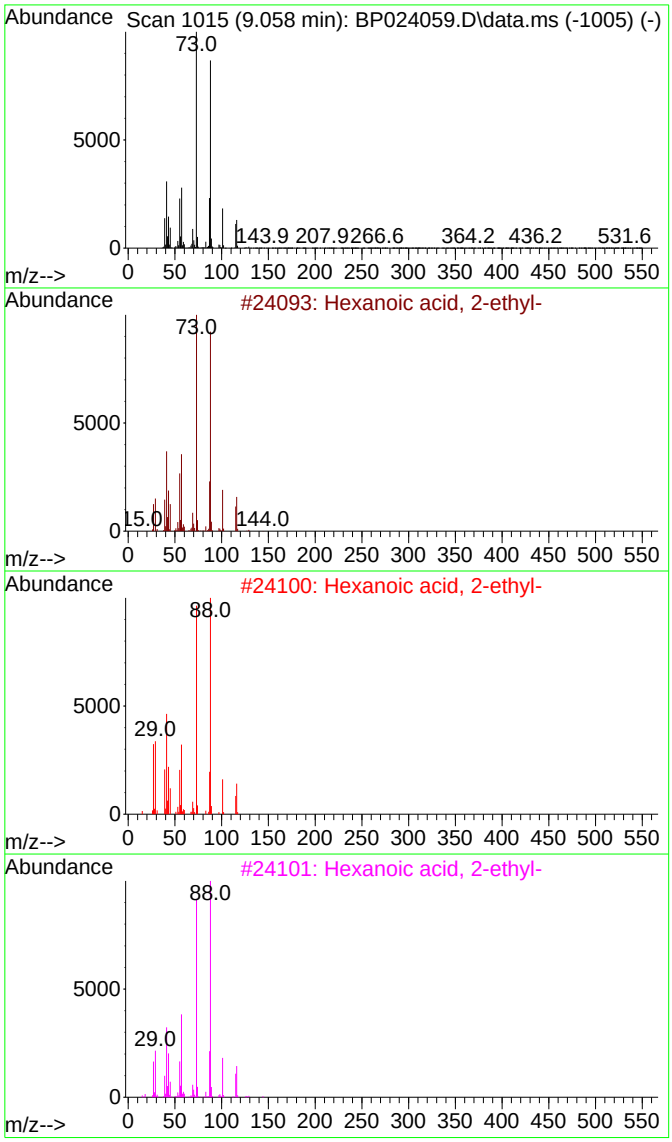
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

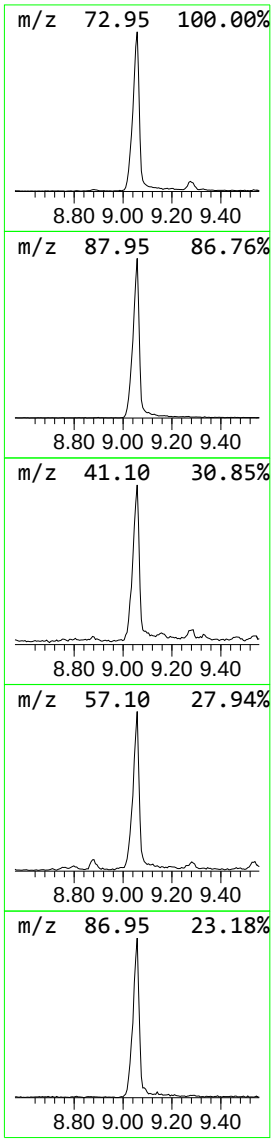
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.058	7.12 ng/ul	756909	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	86
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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021425\
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Acq On : 14 Feb 2025 13:22
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCZT1DL

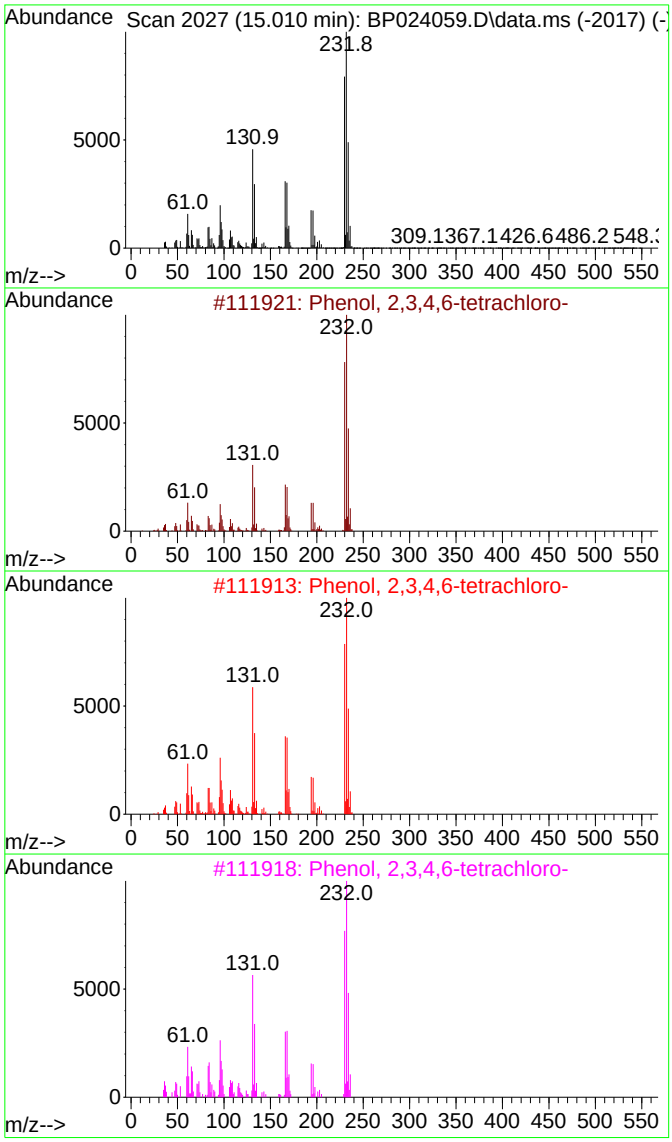
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

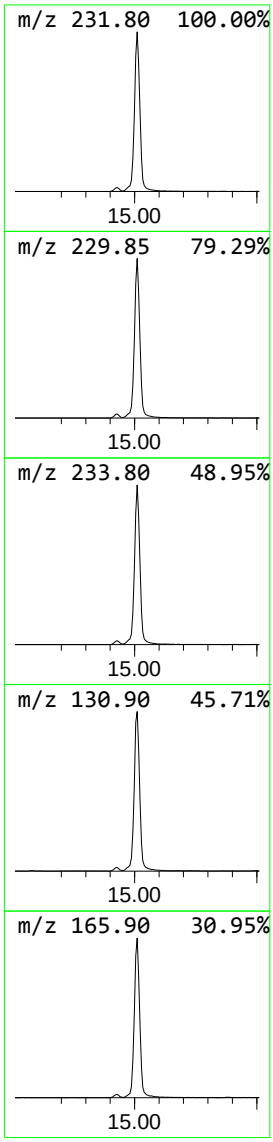
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.010	35.87 ng/ul	7844190	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, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	98





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Sample : Q1275-04DL 100X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCZT1DL

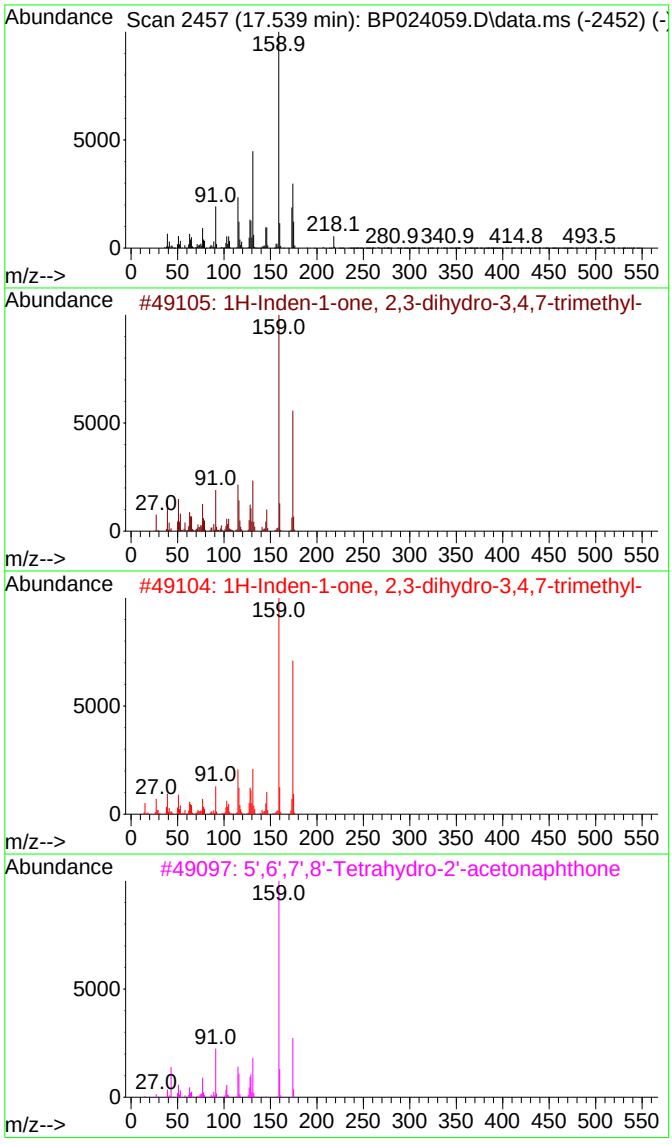
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
Quant Title : SVOA CALIBRATION

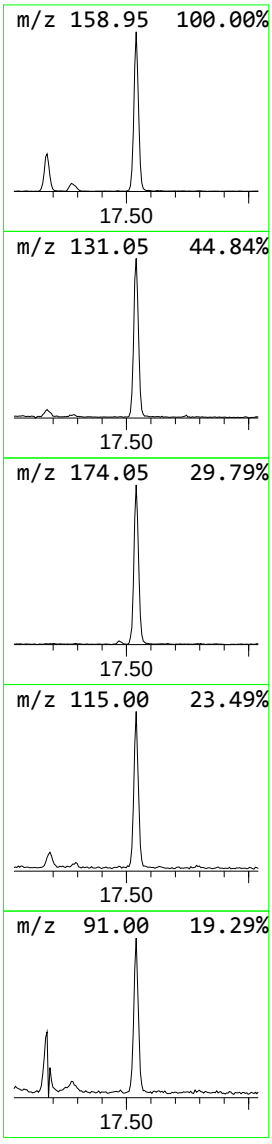
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.539	2.89 ng/ul	733649	Phenanthrene-d10	17.169

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	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	81
3	5',6',7',8'-Tetrahydro-2'-aceton...	174	C12H14O	000774-55-0	64
4	5-Methoxyquinolin-8-amine	174	C10H10N2O	030465-68-0	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	021693-55-0	62





Tentatively Identified Compound (LSC) summary

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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Hexanol, 2-et...	7.828	6.4	ng/ul	681160	1	7.763	2125130	20.0
Hexanoic acid, ...	9.058	7.1	ng/ul	756909	1	7.763	2125130	20.0
Phenol, 2,3,4,6...	15.010	35.9	ng/ul	7844190	3	14.375	4373130	20.0
1H-Inden-1-one,...	17.539	2.9	ng/ul	733649	4	17.169	5071870	20.0