LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019223.D
Acq On : 02 Jan 2024 23:43
Operator : MA/JU
Sample : 05919-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : GCF42

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-BP122723.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP019223.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.234	22	25	36	rVB2	51608	91516	0.26%	0.089%
2	3.664	94	98	111	rBV	242598	492239	1.39%	0.478%
3	3.881	131	135	141	rVB2	41090	71137	0.20%	0.069%
4	4.181	183	186	197	rVB6	20525	44110	0.12%	0.043%
5	4.911	303	310	318	rVB2	42535	106423	0.30%	0.103%
6	5.593	420	426	431	rBV	45523	72913	0.21%	0.071%
7	5.858	465	471	479	rBV3	30901	61107	0.17%	0.059%
8	6.469	569	575	582	rBV	34189	57705	0.16%	0.056%
9	6.705	612	615	623	rVB3	20154	37955	0.11%	0.037%
10	6.822	631	635	643	rVB3	28523	50838	0.14%	0.049%
11	6.946	648	656	657	rVV3	42048	65740	0.19%	0.064%
12	6.987	657	663	675	rVB	665047	1120695	3.16%	1.089%
13	7.140	683	689	699	rVB	532470	812639	2.29%	0.789%
14	7.334	714	722	728	rBV	689780	1087403	3.06%	1.056%
15	7.799	793	801	807	rBV	707369	1108113	3.12%	1.076%
16	7.869	807	813	833	rVV	604772	1068212	3.01%	1.038%
17	8.522	918	924	932	rBV	750733	1221095	3.44%	1.186%
18	8.628	938	942	946	rVB	31665	42521	0.12%	0.041%
19	8.963	992	999	1009	rBV	648670	1056901	2.98%	1.027%
20	9.369	1063	1068	1081	rVB4	22725	54317	0.15%	0.053%
21	9.510	1086	1092	1102	rBV5	25086	66652	0.19%	0.065%
22	9.681	1114	1121	1133	rBV	561033	940010	2.65%	0.913%
23	9.863	1147	1152	1157	rBV2	35805	70445	0.20%	0.068%
24	10.228	1207	1214	1223	rBV	889329	1511430	4.26%	1.468%
25	10.375	1233	1239	1248	rBV	62669	128848	0.36%	0.125%
26	10.593	1256	1276	1283	rBV2	931279	2038691	5.74%	1.980%
27	10.663	1283	1288	1292	rBV3	82143	134590	0.38%	0.131%
28	10.757	1300	1304	1313	rVB4	21163	39743	0.11%	0.039%
29	11.204	1376	1380	1385	rVB	145925	198092	0.56%	0.192%
30	11.263	1385	1390	1397	rVB10	20733	50940	0.14%	0.049%
31	11.346	1397	1404	1408	rBV6	29737	67876	0.19%	0.066%
32	11.410	1410	1415	1422	rBV6	17756	41946	0.12%	0.041%
33	11.622	1446	1451	1458	rBV4	45612	111326	0.31%	0.108%
34	11.869	1486	1493	1499	rVB4	44170	85752	0.24%	0.083%
35	12.016	1509	1518	1532	rBV5	86884	349175	0.98%	0.339%
36	12.387	1577	1581	1584	rBV2	33470	56946	0.16%	0.055%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019223.D
Acq On : 02 Jan 2024 23:43
Operator : MA/JU
Sample : 05919-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF42

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-BP122723.MA.M
Title : SVOA CALIBRATION

37	12.675	1622	1630	1636	rBV	175878	372617	1.05%	0.362%
38	12.828	1652	1656	1659	rBV2	62263	99916	0.28%	0.097%
39	12.975	1677	1681	1685	rVB	141563	187445	0.53%	0.182%
40	13.187	1714	1717	1721	rBV2	85785	109657	0.31%	0.107%
41	13.245	1723	1727	1728	rBV3	86286	111434	0.31%	0.108%
42	13.404	1751	1754	1757	rBV2	90868	123248	0.35%	0.120%
43	13.704	1800	1805	1809	rBV3	513552	805136	2.27%	0.782%
44	13.745	1809	1812	1818	rVB3	254631	396262	1.12%	0.385%
45	13.863	1827	1832	1836	rBV	1558501	2092334	5.89%	2.032%
46	13.922	1840	1842	1845	rVV	208305	219220	0.62%	0.213%
47	14.134	1873	1878	1883	rBV	1825811	2678540	7.55%	2.602%
48	14.345	1908	1914	1918	rBV	3349761	4835788	13.62%	4.697%
49	14.445	1926	1931	1940	rVB	1467474	2376001	6.69%	2.308%
50	15.045	2030	2033	2035	rBV3	630969	852351	2.40%	0.828%
51	15.081	2036	2039	2045	rVB	1505372	2254621	6.35%	2.190%
52	15.281	2070	2073	2080	rBV3	1099218	2213624	6.24%	2.150%
53	15.439	2096	2100	2104	rBV	2378521	3148395	8.87%	3.058%
54	15.557	2115	2120	2127	rBV	3980414	6439463	18.14%	6.255%
55	16.886	2338	2346	2350	rBV	15758778	35500448	100.00%	34.484%
56	23.539	3472	3477	3482	rVB	1828573	3304269	9.31%	3.210%
57	23.633	3488	3493	3498	rVB2	3160507	5650525	15.92%	5.489%
58	25.151	3744	3751	3755	rBV2	2909785	7541670	21.24%	7.326%
59	25.398	3785	3793	3800	rBV	2948520	7017597	19.77%	6.817%

Sum of corrected areas: 102946602

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Instrument :
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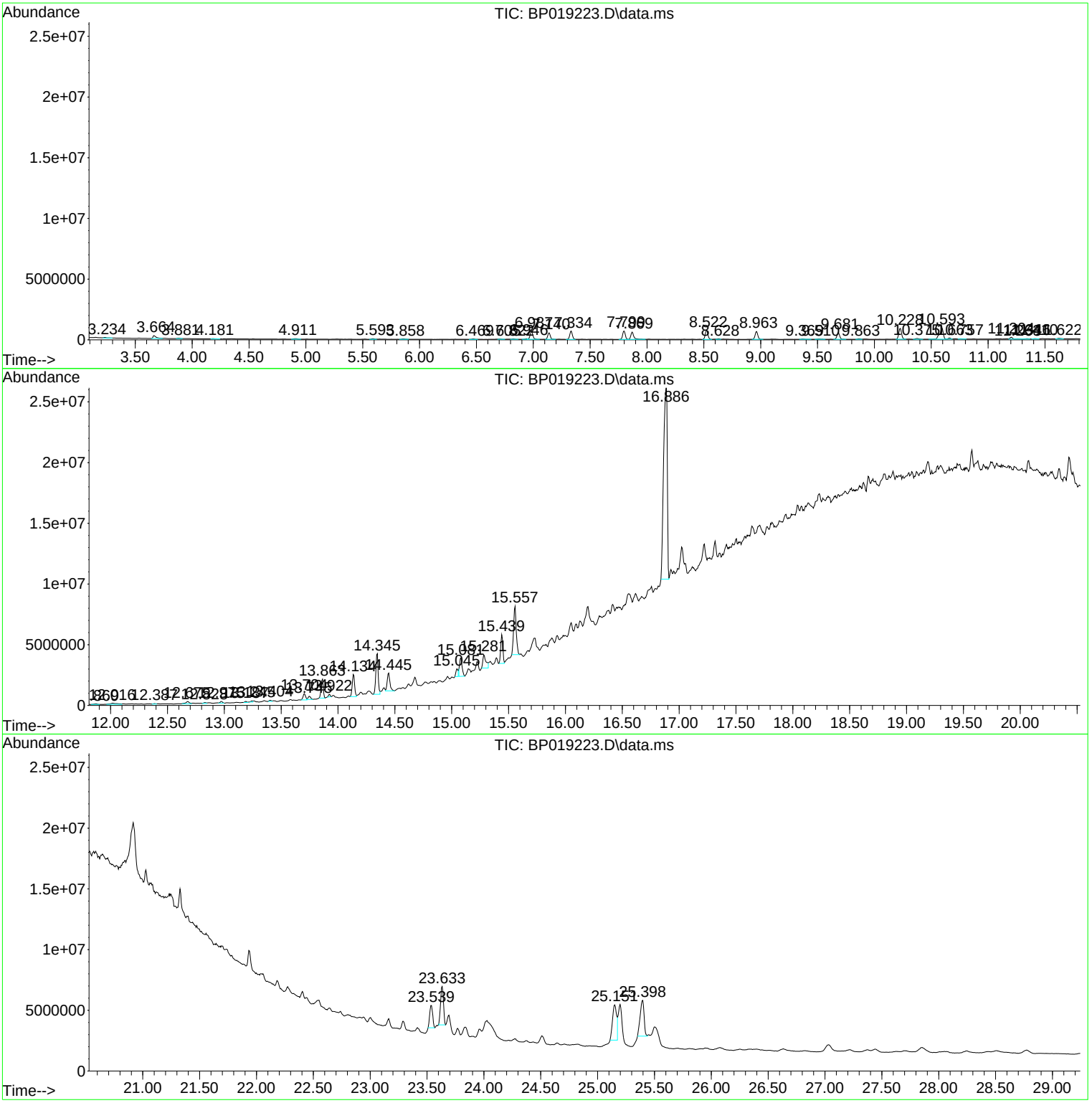
ClientSampleId :
GCF42

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.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\BP010224\
Data File : BP019223.D
Acq On : 02 Jan 2024 23:43
Operator : MA/JU
Sample : 05919-10
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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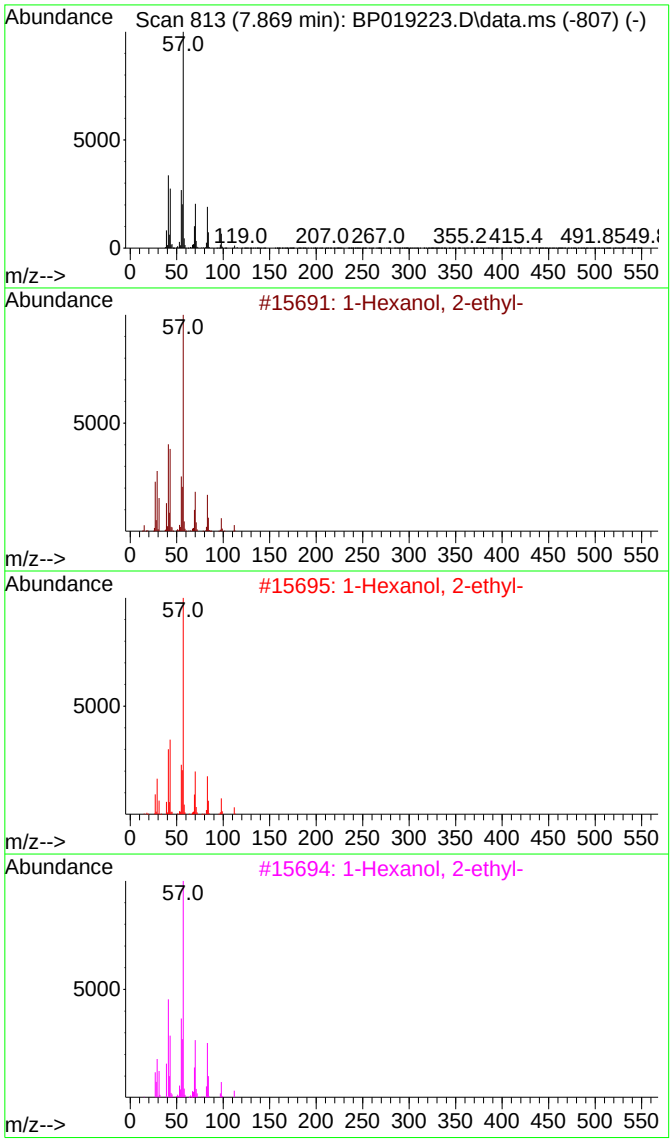
Quant Title : SVOA CALIBRATION

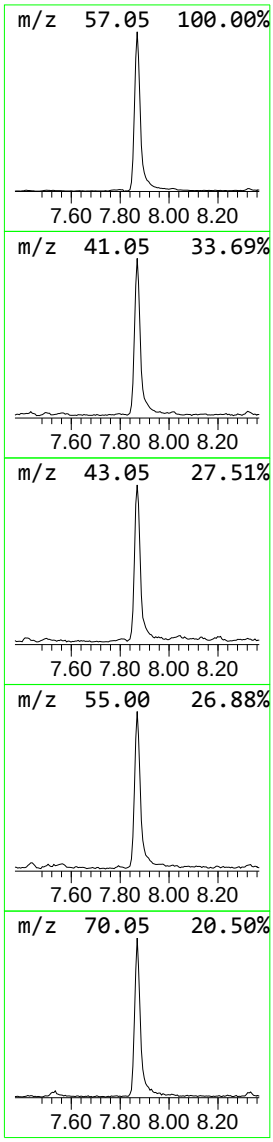
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.869	19.28 ng/ul	1068210	1,4-Dichlorobenzene-d4	7.799

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
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	78
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	53





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Data File : BP019223.D
Acq On : 02 Jan 2024 23:43
Operator : MA/JU
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF42

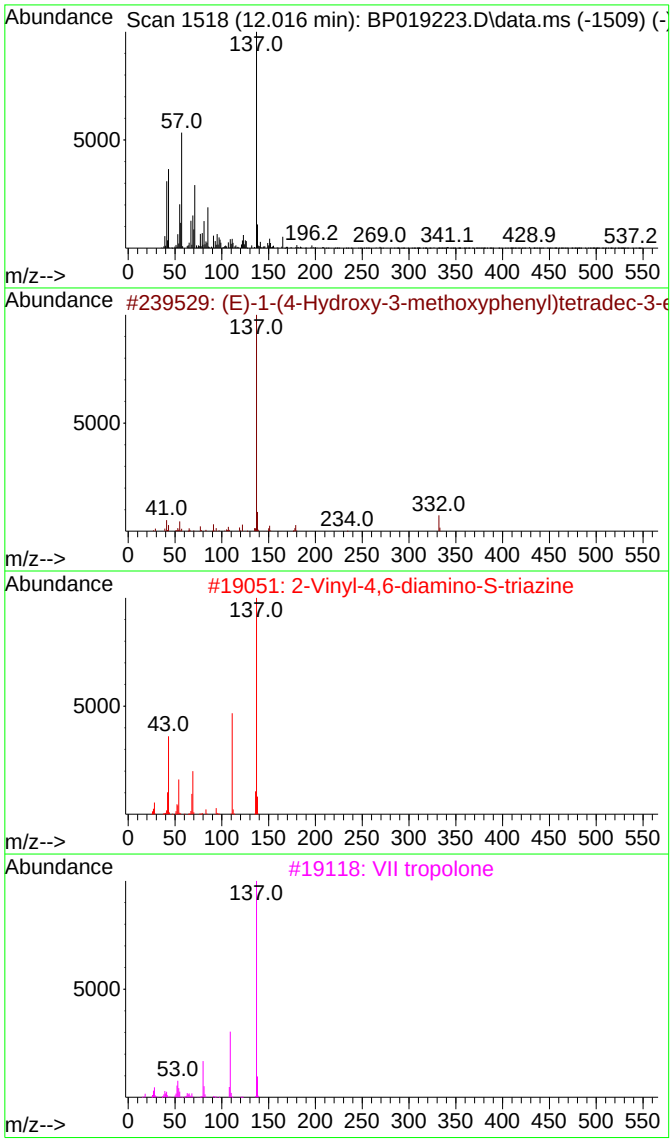
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

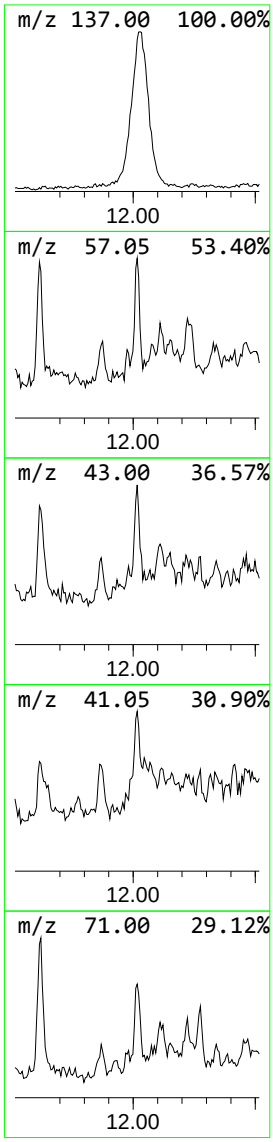
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (E)-1-(4-Hydroxy-3-methoxyp... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.016	3.43 ng/ul	349175	Naphthalene-d8	10.593

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-1-(4-Hydroxy-3-methoxyphenyl...	332	C21H32O3	1278586-98-3	50
2	2-Vinyl-4,6-diamino-S-triazine	137	C5H7N5	003194-70-5	47
3	VII tropolone	137	C7H7NO2	007021-46-7	47
4	p-Toluic acid, 2-pentadecyl ester	346	C23H38O2	1000299-81-0	40
5	1-(4-Acetoxy-3-methoxyphenyl)-2-...	222	C12H14O4	1000308-75-0	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019223.D
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Operator : MA/JU
Sample : 05919-10
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ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF42

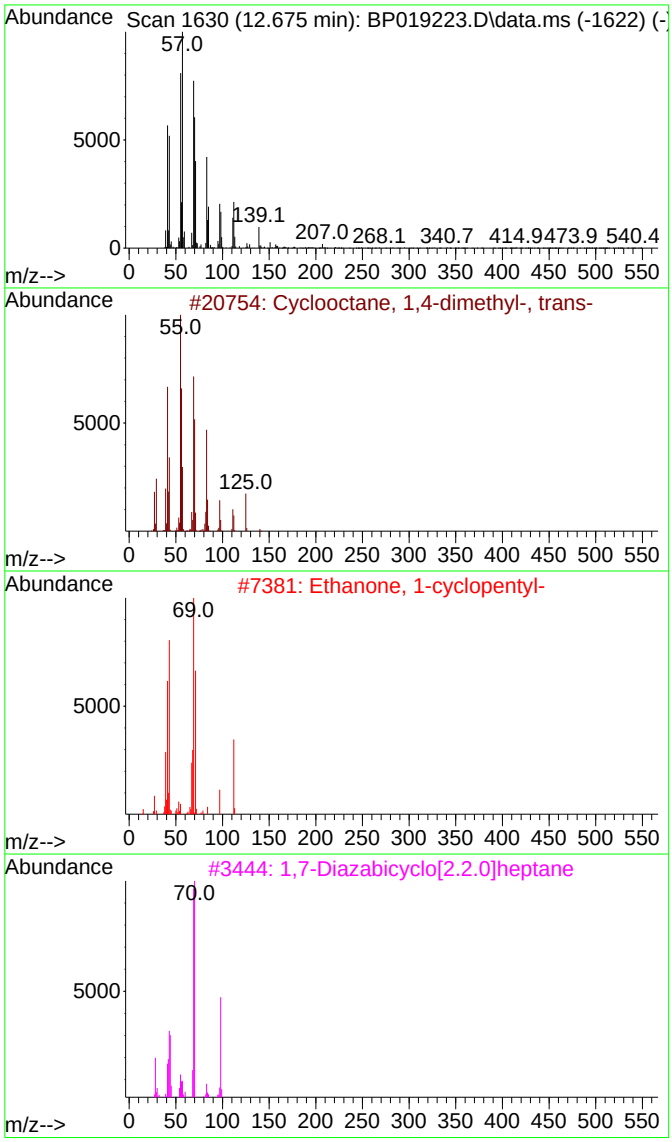
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

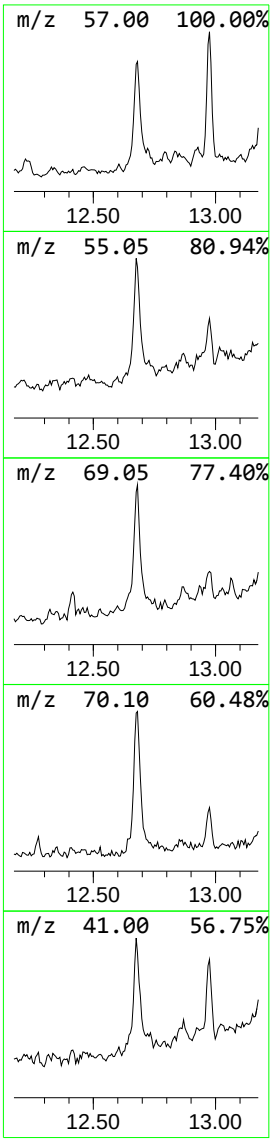
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic12.675 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.675	3.14 ng/ul	372617	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, 1,4-dimethyl-, trans-	140	C10H20	013151-98-9	52
2	Ethanone, 1-cyclopentyl-	112	C7H12O	006004-60-0	43
3	1,7-Diazabicyclo[2.2.0]heptane	98	C5H10N2	000279-42-5	38
4	3-Heptene, 4-methyl-	112	C8H16	004485-16-9	38
5	5-Ethyl-2-octen-4-one	154	C10H18O	1000374-14-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019223.D
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF42

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

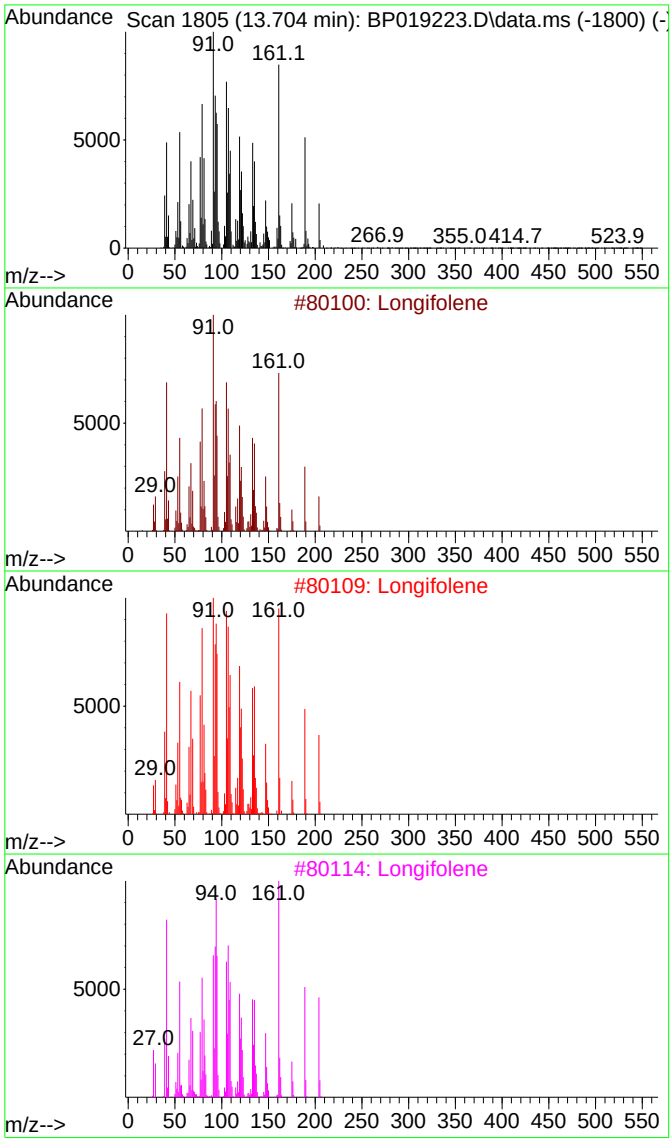
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

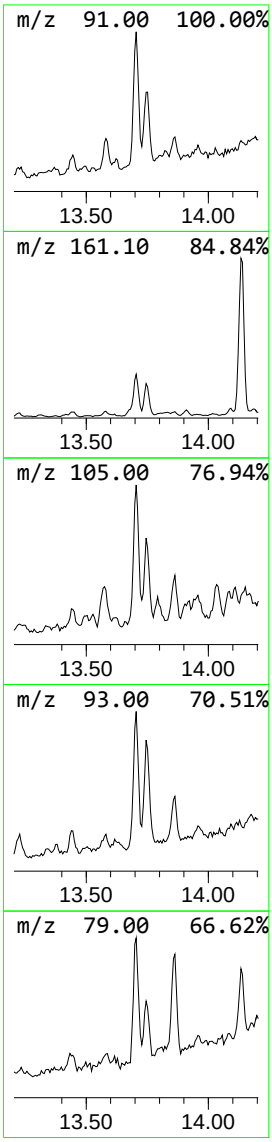
****

Peak Number 4 Longifolene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.704	6.78 ng/ul	805136	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Longifolene	204	C15H24	000475-20-7	99
2	Longifolene	204	C15H24	000475-20-7	99
3	Longifolene	204	C15H24	000475-20-7	98
4	Longifolene	204	C15H24	000475-20-7	97
5	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	93





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Operator : MA/JU
Sample : 05919-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF42

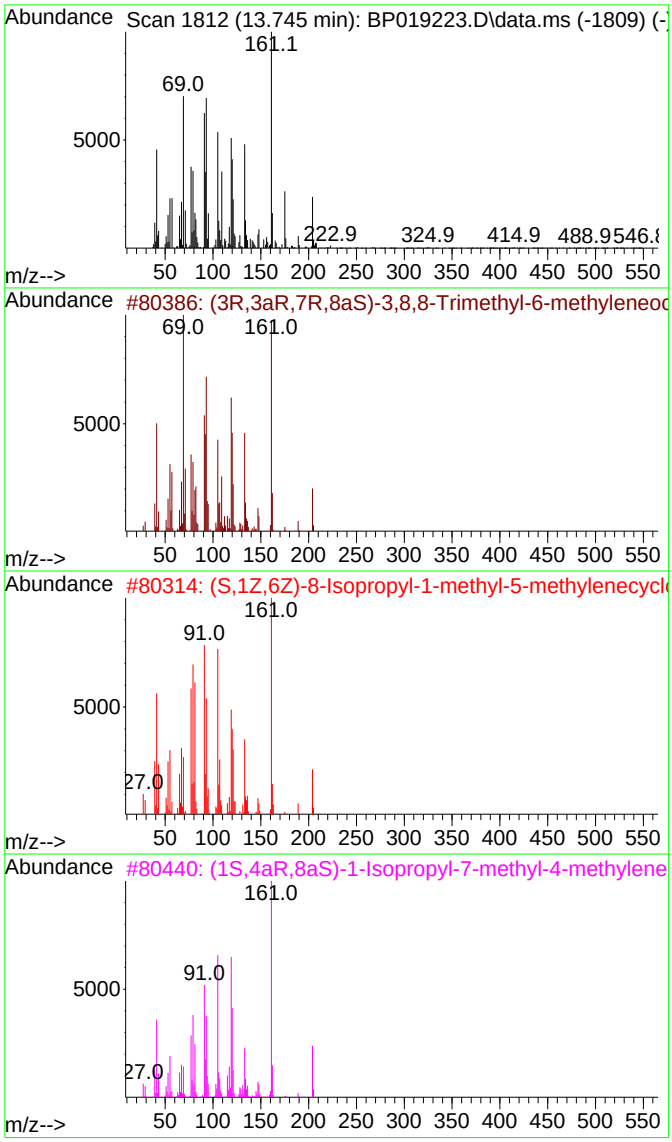
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

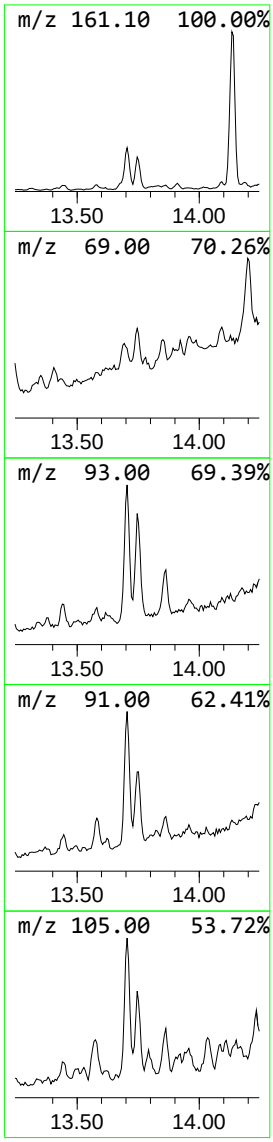
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (3R,3aR,7R,8aS)-3,8,8-Trime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.745	3.34 ng/ul	396262	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(3R,3aR,7R,8aS)-3,8,8-Trimethyl-...	204	C15H24	079120-98-2	93
2	(S,1Z,6Z)-8-Isopropyl-1-methyl-5...	204	C15H24	317819-80-0	87
3	(1S,4aR,8aS)-1-Isopropyl-7-methy...	204	C15H24	006980-46-7	86
4	Germacrene D	204	C15H24	023986-74-5	83
5	Germacrene D	204	C15H24	023986-74-5	78





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Operator : MA/JU
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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
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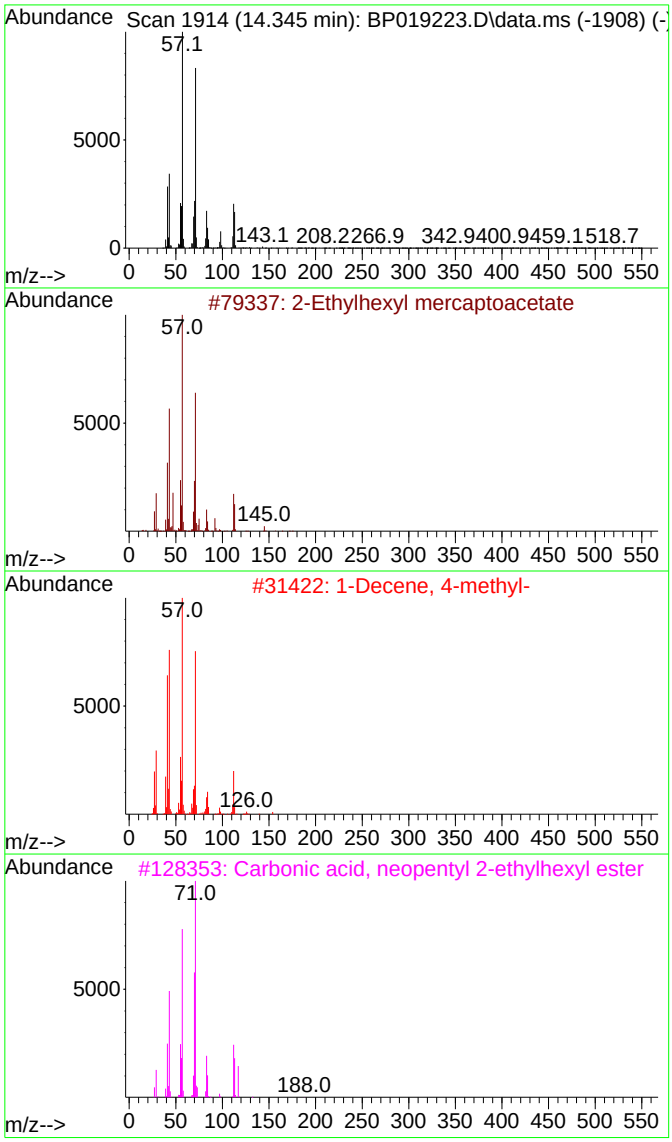
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

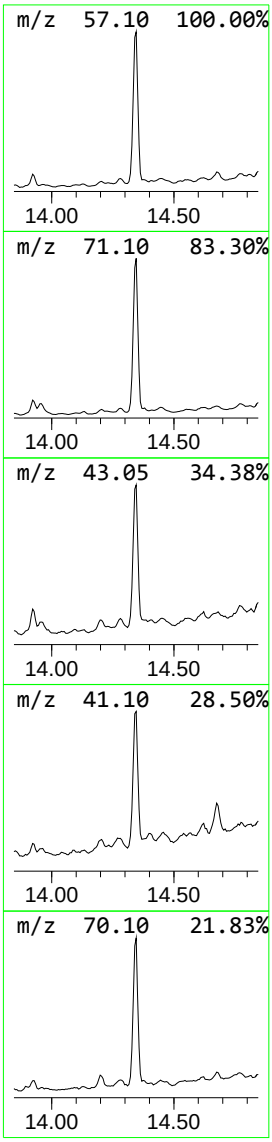
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 2-Ethylhexyl mercaptoacetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.345	40.71 ng/ul	4835790	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylhexyl mercaptoacetate	204	C10H20O2S	007659-86-1	72
2	1-Decene, 4-methyl-	154	C11H22	013151-29-6	59
3	Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	59
4	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	59
5	Oxalic acid, ethyl neopentyl ester	188	C9H16O4	1000309-72-4	59





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ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF42

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

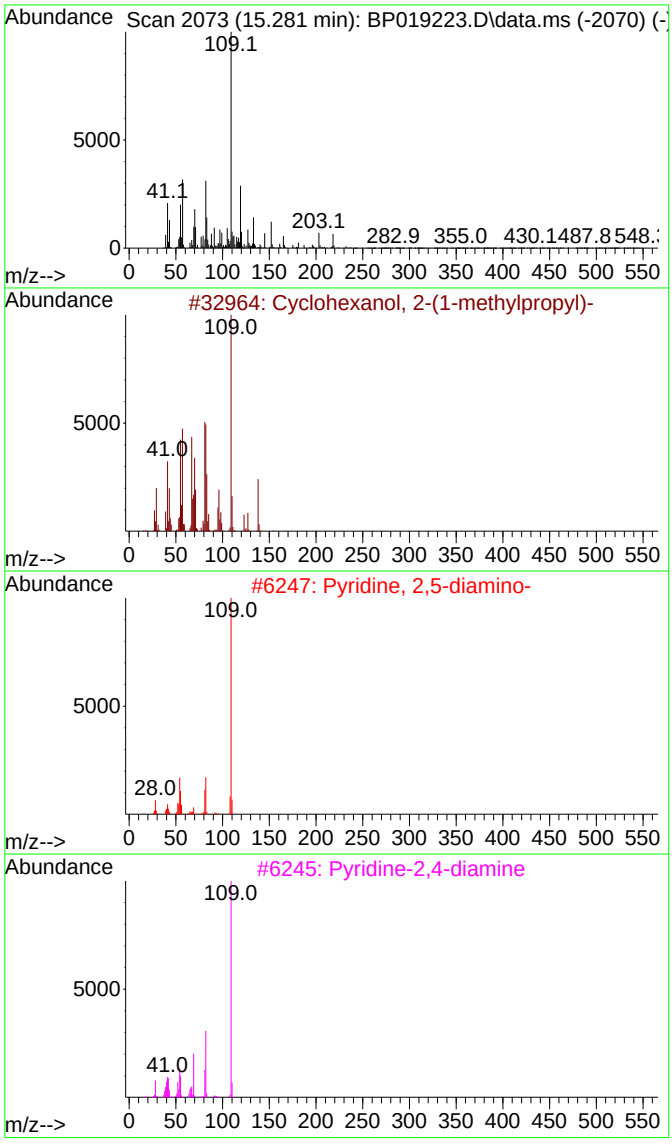
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

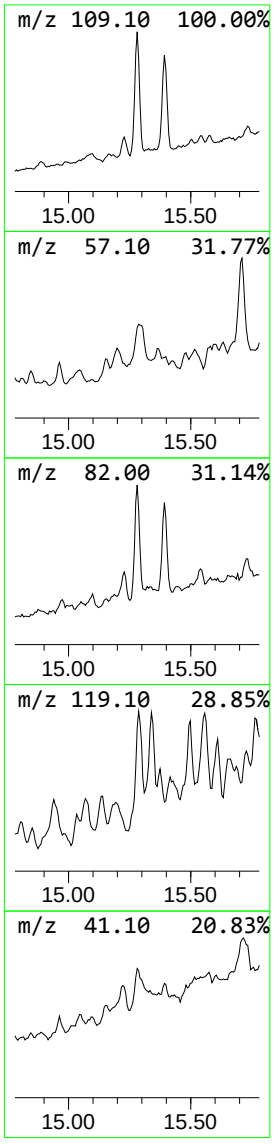
****

Peak Number 7 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.281	18.63 ng/ul	2213620	Acenaphthene-d10	14.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanol, 2-(1-methylpropyl)-	156	C10H20O	004632-01-3	47
2	Pyridine, 2,5-diamino-	109	C5H7N3	004318-76-7	47
3	Pyridine-2,4-diamine	109	C5H7N3	000461-88-1	47
4	(4-Fluorophenyl) methanol, 3-met...	196	C12H17FO	1000374-66-6	43
5	1-(1,2,3-Trimethyl-cyclopent-2-e...	152	C10H16O	070987-81-4	43





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Data File : BP019223.D
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ClientSampleId :
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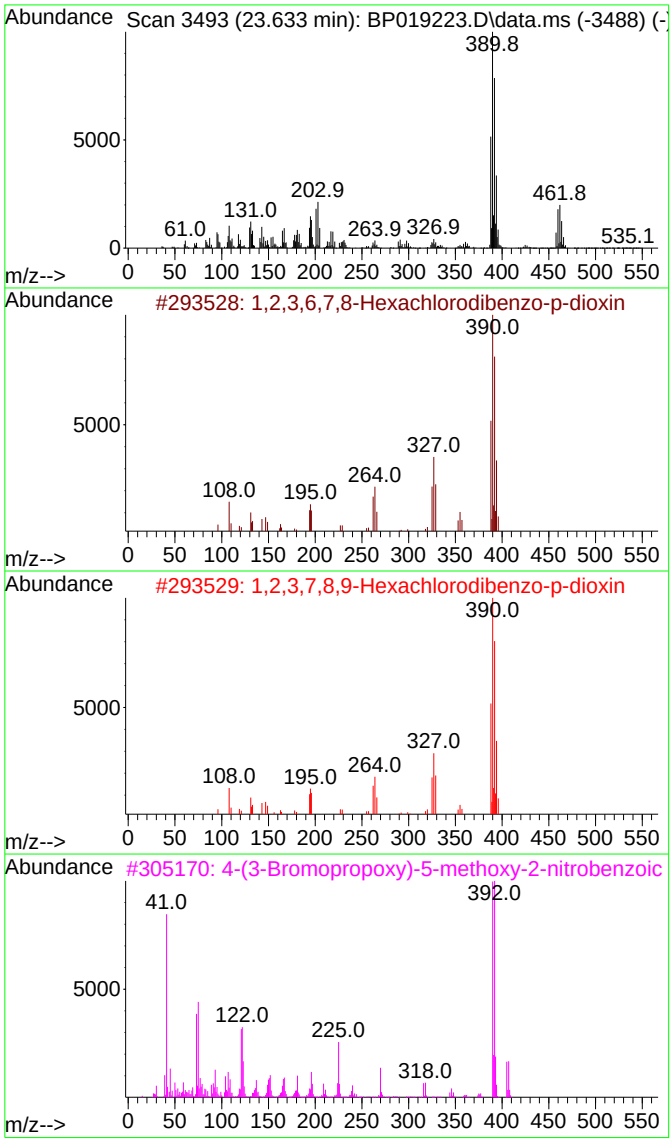
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

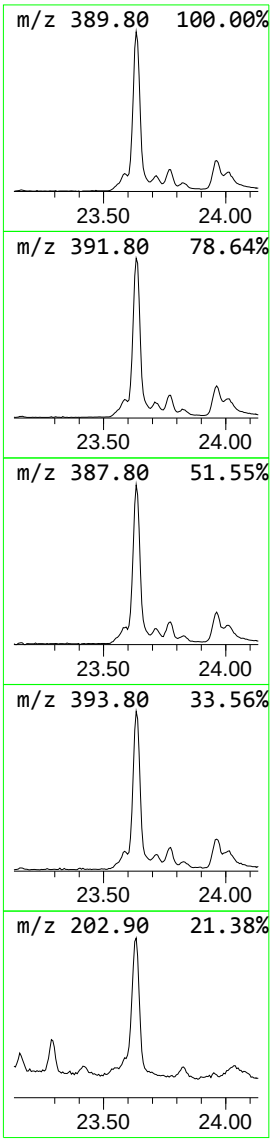
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,2,3,6,7,8-Hexachlorodiben... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.633	20.00 ng/ul	5650530	Perylene-d12	23.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,6,7,8-Hexachlorodibenzo-p-...	388	C12H2Cl6O2	057653-85-7	94
2	1,2,3,7,8,9-Hexachlorodibenzo-p-...	388	C12H2Cl6O2	019408-74-3	90
3	4-(3-Bromopropoxy)-5-methoxy-2-n...	405	C14H20BrNO6Si	1000471-26-2	47
4	1,2-dithiolo[3',4',5':4,5]naphth...	388	C10Cl4S4	1000398-83-7	40
5	3-Butenoic acid, 2-(t-butoxycarb...	505	C22H43NO4Sn	1000189-68-9	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019223.D
Acq On : 02 Jan 2024 23:43
Operator : MA/JU
Sample : 05919-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF42

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

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

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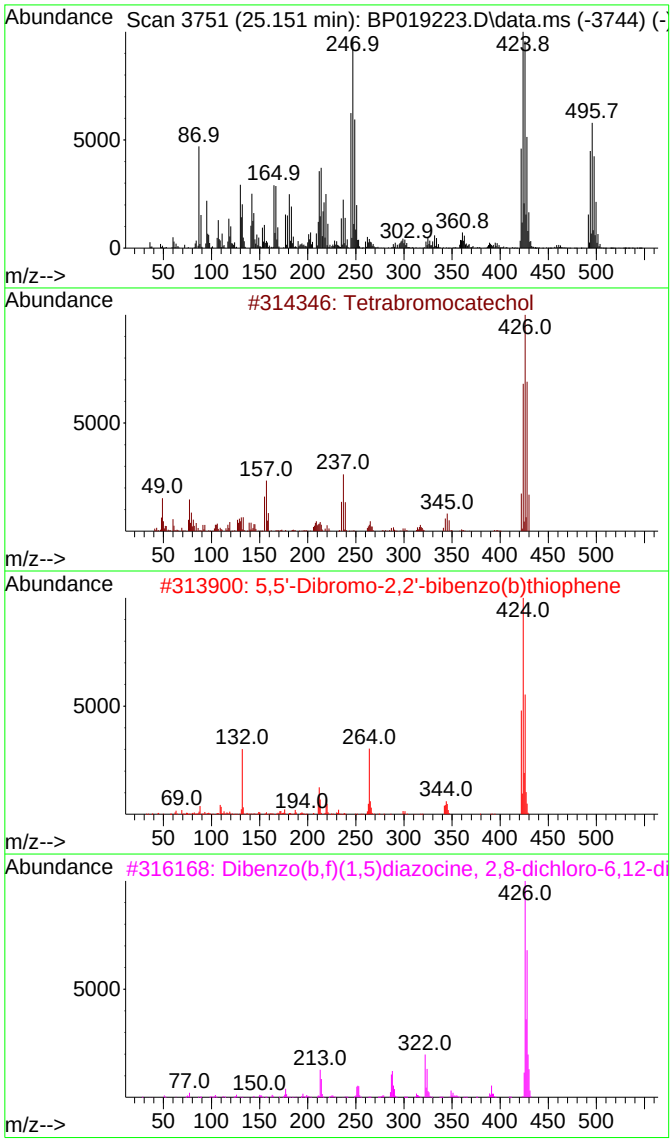
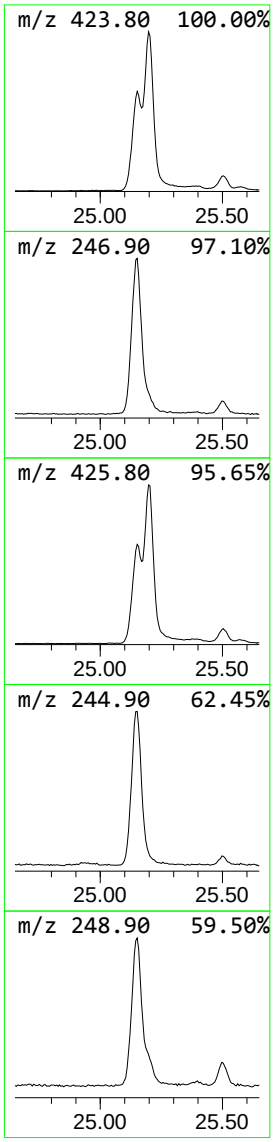
Peak Number 9 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.151	26.69 ng/ul	7541670	Perylene-d12	23.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrabromocatechol	422	C6H2Br4O2	000488-47-1	30
2	5,5'-Dibromo-2,2'-bibenzo(b)thio...	422	C16H8Br2S2	007312-21-2	22
3	Dibenzo(b,f)(1,5)diazocine, 2,8-...	426	C26H16Cl2N2	003646-61-5	15
4	Acetic acid, (4-chloro-2-methylp...	424	C25H41ClO3	1000415-16-9	11
5	Cobalt, [1,2-bis(diisopropylphos...	424	C22H39CoP2	1000164-45-1	11





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019223.D
Acq On : 02 Jan 2024 23:43
Operator : MA/JU
Sample : 05919-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF42

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.MA.M
Quant Title : SVOA CALIBRATION

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

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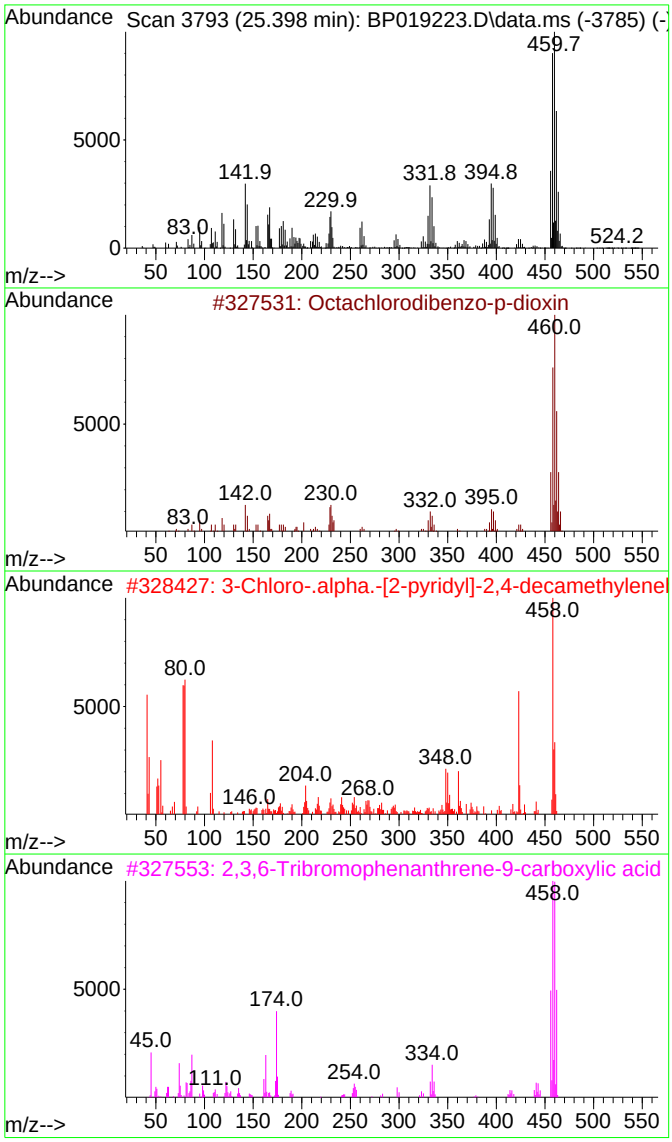
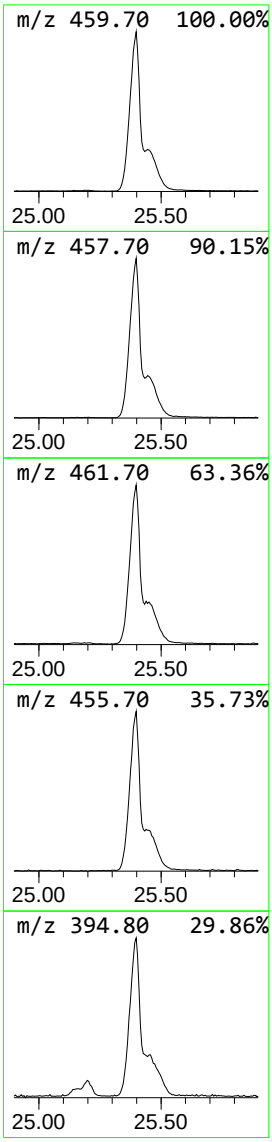
Peak Number 10 Octachlorodibenzo-p-dioxin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.398	24.84 ng/ul	7017600	Perylene-d12	23.692

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octachlorodibenzo-p-dioxin	456	C12Cl8O2	003268-87-9	91
2	3-Chloro-.alpha.-[2-pyridyl]-2,4...	458	C29H31ClN2O	035158-92-0	20
3	2,3,6-Tribromophenanthrene-9-car...	456	C15H7Br3O2	056988-60-4	12
4	Benzene, 1,4-bis(3-phenylindol-2...	460	C34H24N2	164936-88-3	10
5	1,3,5-Triazine-2,4,6-triamine, N...	460	C27H24N8	033933-66-3	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010224\
Data File : BP019223.D
Acq On : 02 Jan 2024 23:43
Operator : MA/JU
Sample : 05919-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GCF42

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP122723.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...	7.869	19.3	ng/ul	1068210	1	7.799	1108110	20.0
(E)-1-(4-Hydrox...	12.016	3.4	ng/ul	349175	2	10.593	2038690	20.0
(DEL) Alkane: C...	12.675	3.1	ng/ul	372617	3	14.445	2376000	20.0
Longifolene	13.704	6.8	ng/ul	805136	3	14.445	2376000	20.0
(3R,3aR,7R,8aS)...	13.745	3.3	ng/ul	396262	3	14.445	2376000	20.0
2-Ethylhexyl me...	14.345	40.7	ng/ul	4835790	3	14.445	2376000	20.0
unknown-01	15.281	18.6	ng/ul	2213620	3	14.445	2376000	20.0
1,2,3,6,7,8-Hex...	23.633	20.0	ng/ul	5650530	6	23.692	5650530	20.0
unknown-02	25.151	26.7	ng/ul	7541670	6	23.692	5650530	20.0
Octachlorodiben...	25.398	24.8	ng/ul	7017600	6	23.692	5650530	20.0