LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007429.D
Acq On : 15 Oct 2021 00:33
Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA2

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-BP101421.M
Title : SVOA CALIBRATION

Signal : TIC: BP007429.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.128	3	7	26	rVB	5870141	9677329	7.40%	3.523%
2	3.805	119	122	133	rBV2	103510	177288	0.14%	0.065%
3	3.911	136	140	148	rVB	111887	153647	0.12%	0.056%
4	7.116	676	685	695	rVB	256969	414608	0.32%	0.151%
5	7.287	706	714	722	rBV	221417	349041	0.27%	0.127%
6	7.493	741	749	758	rBV	259005	424543	0.32%	0.155%
7	7.963	820	829	836	rBV	997038	1591230	1.22%	0.579%
8	8.663	939	948	957	rBV	156813	252746	0.19%	0.092%
9	9.116	1018	1025	1035	rBV	244544	405124	0.31%	0.147%
10	9.840	1141	1148	1155	rBV	155938	266409	0.20%	0.097%
11	10.087	1182	1190	1197	rBV	89329	163792	0.13%	0.060%
12	10.381	1233	1240	1250	rBV	301825	499564	0.38%	0.182%
13	10.546	1261	1268	1278	rBV	94135	152561	0.12%	0.056%
14	10.769	1296	1306	1319	rBV	1293420	2236372	1.71%	0.814%
15	10.893	1319	1327	1336	rBV	209587	375533	0.29%	0.137%
16	12.334	1566	1572	1582	rVB	172623	288082	0.22%	0.105%
17	12.881	1655	1665	1675	rBV4	78348	156970	0.12%	0.057%
18	14.004	1845	1856	1866	rBV	633980	994109	0.76%	0.362%
19	14.287	1894	1904	1917	rBV	638814	1098787	0.84%	0.400%
20	14.416	1917	1926	1947	rVV	5328744	13642596	10.43%	4.966%
21	14.598	1947	1957	1976	rVB	1725186	3274271	2.50%	1.192%
22	14.751	1976	1983	2002	rBV	2344940	4129299	3.16%	1.503%
23	14.998	2019	2025	2035	rBV	1081128	1587885	1.21%	0.578%
24	15.334	2075	2082	2094	rBV	975358	1568839	1.20%	0.571%
25	15.587	2118	2125	2131	rBV	942682	1326921	1.01%	0.483%
26	15.687	2137	2142	2145	rBV2	277625	436352	0.33%	0.159%
27	15.728	2145	2149	2160	rVB	2226660	3193718	2.44%	1.163%
28	15.892	2160	2177	2182	rBV2	534030	1577283	1.21%	0.574%
29	15.951	2182	2187	2205	rVB	675781	1229908	0.94%	0.448%
30	16.151	2215	2221	2232	rBV3	87444	178388	0.14%	0.065%
31	16.292	2234	2245	2252	rBV2	335727	993392	0.76%	0.362%
32	16.440	2252	2270	2274	rBV	32920713	130740917	100.00%	47.591%
33	16.681	2303	2311	2317	rBV	8620165	13591267	10.40%	4.947%
34	17.039	2358	2372	2378	rBV	17056724	33456810	25.59%	12.179%
35	17.098	2378	2382	2392	rVV	2340091	3392695	2.59%	1.235%
36	17.204	2393	2400	2410	rVV	5926776	9111179	6.97%	3.317%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007429.D
Acq On : 15 Oct 2021 00:33
Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA2

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-BP101421.M
Title : SVOA CALIBRATION

37	17.351	2414	2425	2436	rVV	2139146	4317590	3.30%	1.572%
38	17.451	2436	2442	2452	rVB	915902	1305698	1.00%	0.475%
39	17.928	2517	2523	2527	rBV	2634356	3812588	2.92%	1.388%
40	17.969	2527	2530	2537	rVB	462785	620366	0.47%	0.226%
41	18.192	2561	2568	2573	rBV	948552	1341433	1.03%	0.488%
42	18.239	2573	2576	2585	rVB3	107642	171521	0.13%	0.062%
43	18.445	2607	2611	2618	rVB3	102237	155246	0.12%	0.057%
44	19.351	2761	2765	2772	rVB	224742	284674	0.22%	0.104%
45	19.675	2815	2820	2824	rBV	1016055	1381606	1.06%	0.503%
46	20.233	2911	2915	2922	rVB8	84235	208667	0.16%	0.076%
47	21.027	3045	3050	3054	rVB	999092	1236378	0.95%	0.450%
48	21.151	3067	3071	3076	rBV	946410	1161727	0.89%	0.423%
49	21.322	3095	3100	3105	rBV	3064569	3686182	2.82%	1.342%
50	21.427	3112	3118	3123	rBV	2537743	3650702	2.79%	1.329%
51	21.827	3182	3186	3193	rBV6	196150	374461	0.29%	0.136%
52	22.010	3213	3217	3222	rVB2	577267	766852	0.59%	0.279%
53	22.075	3225	3228	3232	rBV3	151553	235820	0.18%	0.086%
54	22.180	3242	3246	3251	rVB	275145	376641	0.29%	0.137%
55	22.504	3298	3301	3308	rBV3	200272	335726	0.26%	0.122%
56	22.692	3328	3333	3338	rBV	819901	1222642	0.94%	0.445%
57	22.810	3348	3353	3362	rVB2	414003	717302	0.55%	0.261%
58	23.721	3503	3508	3514	rVB2	338777	615808	0.47%	0.224%
59	23.880	3529	3535	3545	rVB2	1719529	3626776	2.77%	1.320%

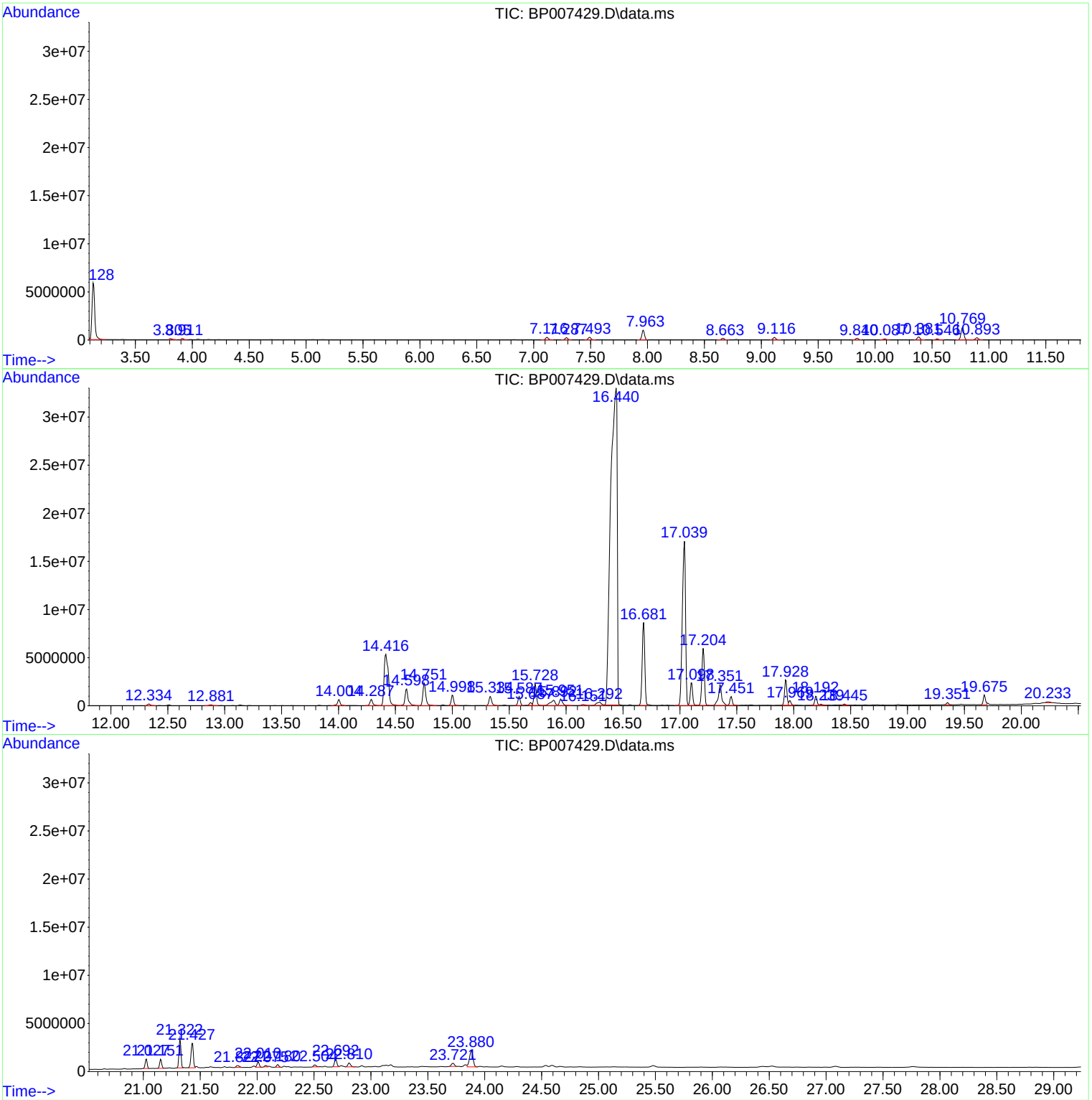
Sum of corrected areas: 274715861

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007429.D
Acq On : 15 Oct 2021 00:33
Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007429.D
Acq On : 15 Oct 2021 00:33
Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA2

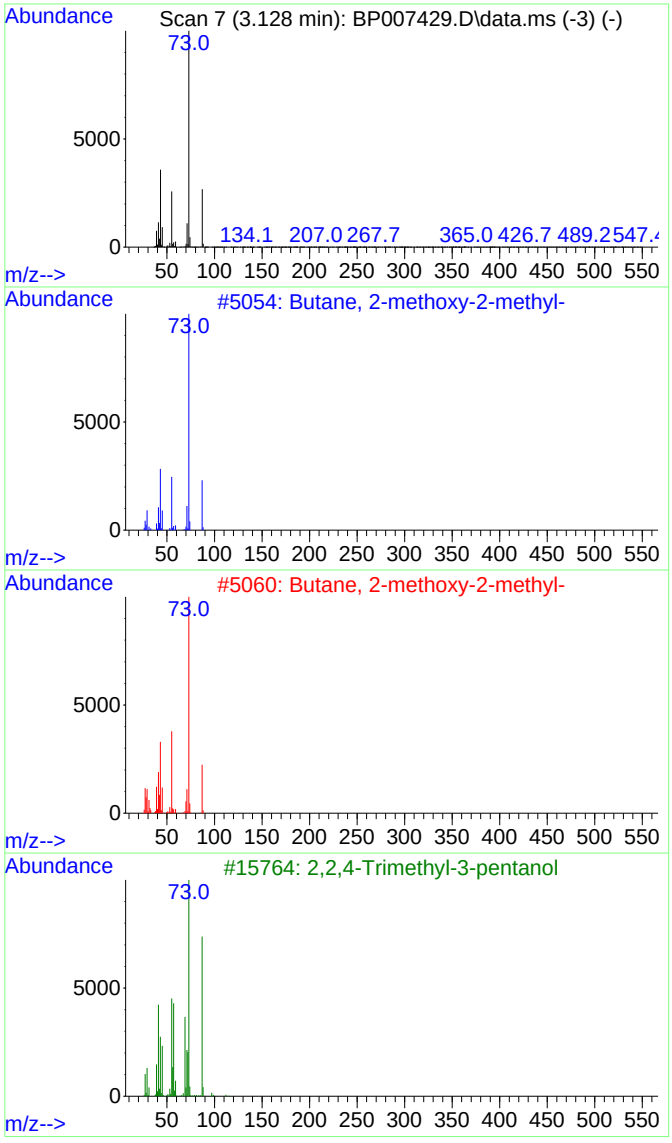
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

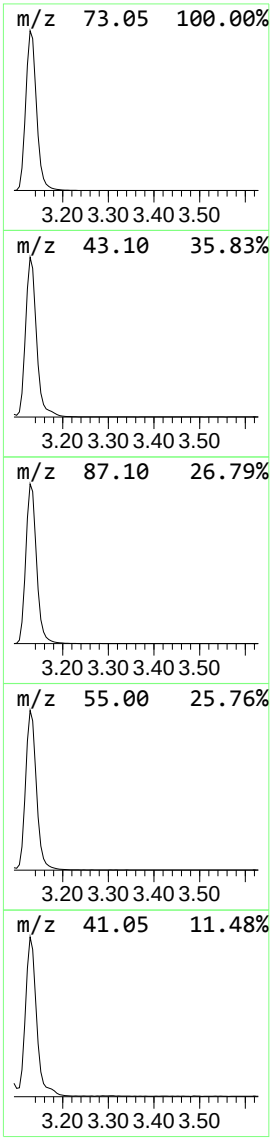
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.128	121.63 ng/ul	9677330	1,4-Dichlorobenzene-d4	7.963

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007429.D
Acq On : 15 Oct 2021 00:33
Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA2

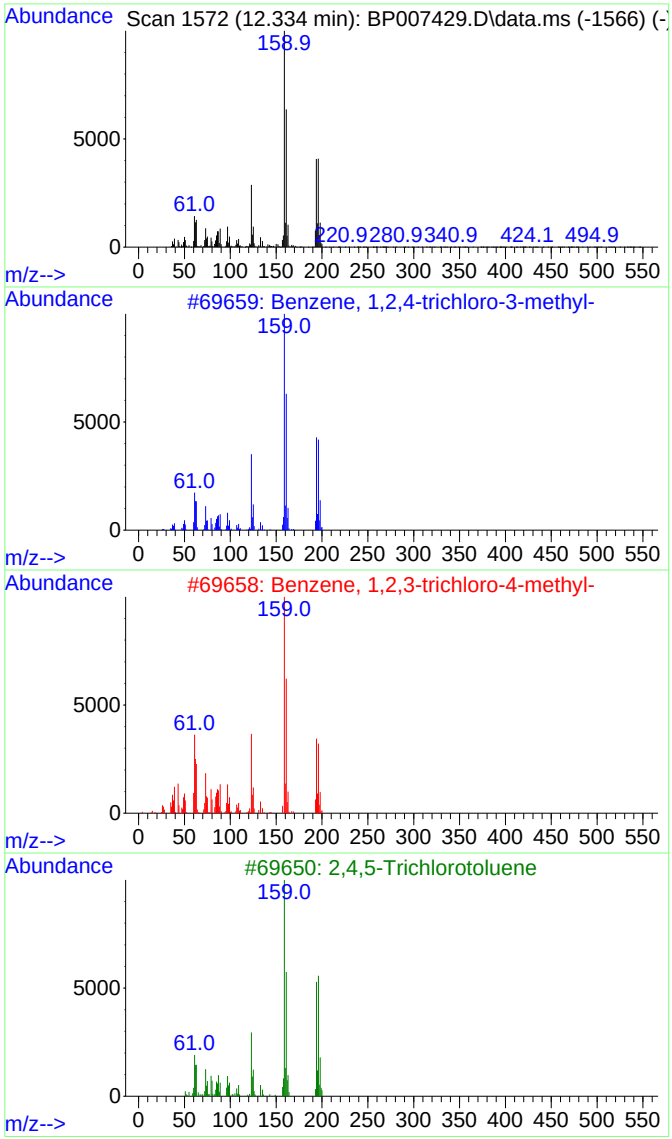
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

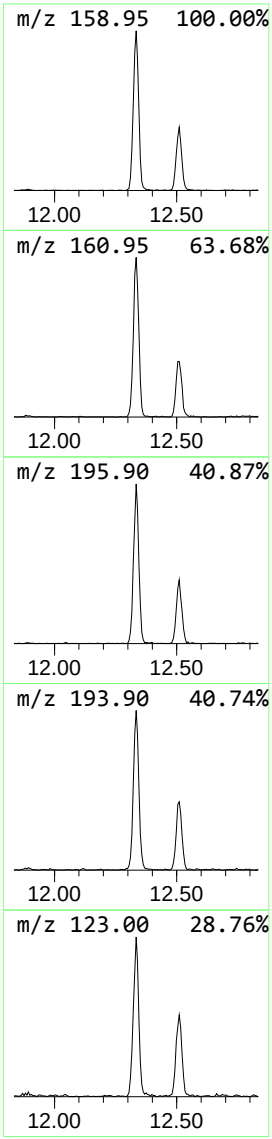
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1,2,4-trichloro-3-... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.334	2.58 ng/ul	288082	Naphthalene-d8	10.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-3-methyl-	194	C7H5Cl3	002077-46-5	99
2	Benzene, 1,2,3-trichloro-4-methyl-	194	C7H5Cl3	007359-72-0	97
3	2,4,5-Trichlorotoluene	194	C7H5Cl3	006639-30-1	96
4	Benzene, 1,3-dichloro-2-(chlorom...	194	C7H5Cl3	002014-83-7	95
5	Benzene, 1,3-dichloro-5-(chlorom...	194	C7H5Cl3	003290-06-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007429.D
Acq On : 15 Oct 2021 00:33
Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA2

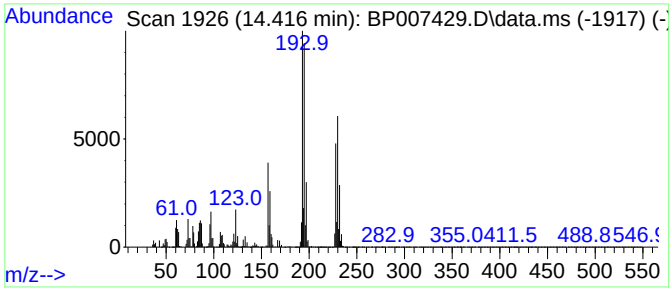
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

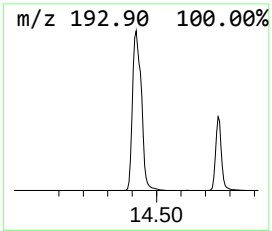
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

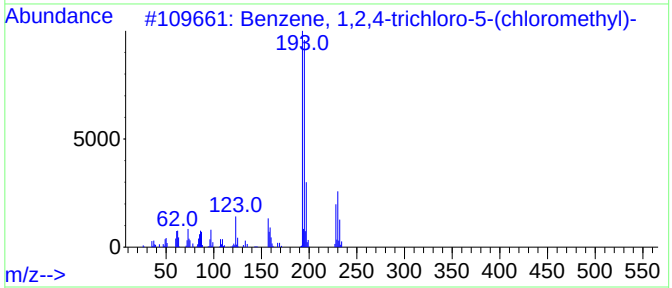
****
Peak Number 3 Benzene, 1,2,4-trichloro-5-... Concentration Rank 4

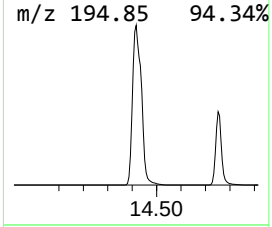
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.416	83.33 ng/ul	13642600	Acenaphthene-d10	14.598

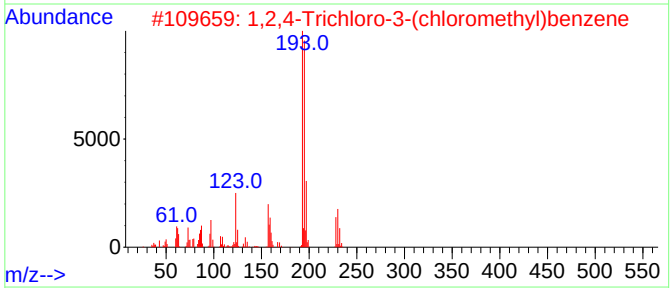
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-5-(chlo...	228	C7H4Cl4	003955-26-8	91
2	1,2,4-Trichloro-3-(chloromethyl)...	228	C7H4Cl4	001424-79-9	58
3	Alpha,alpha,2,3-tetrachlorotoluene	228	C7H4Cl4	057058-14-7	52
4	Benzene, 1-chloro-4-(trichlorome...	228	C7H4Cl4	005216-25-1	49
5	Benzene, 1-chloro-2-(trichlorome...	228	C7H4Cl4	002136-89-2	49

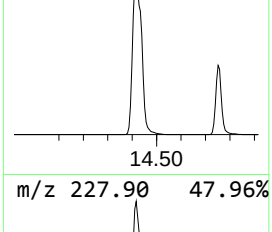


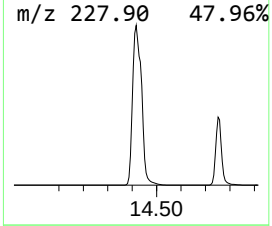


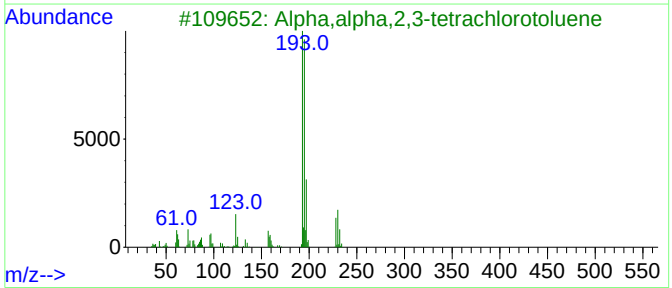


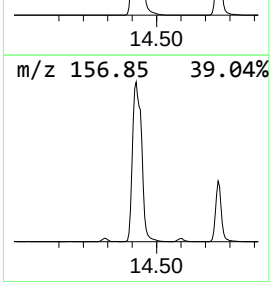












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007429.D
Acq On : 15 Oct 2021 00:33
Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

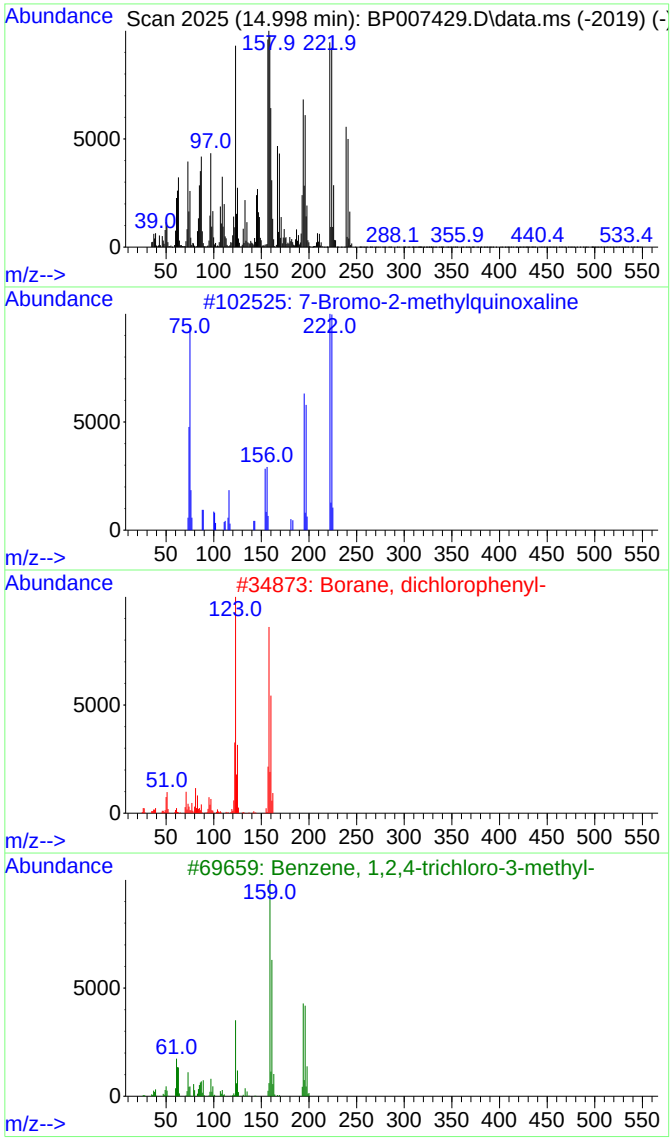
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

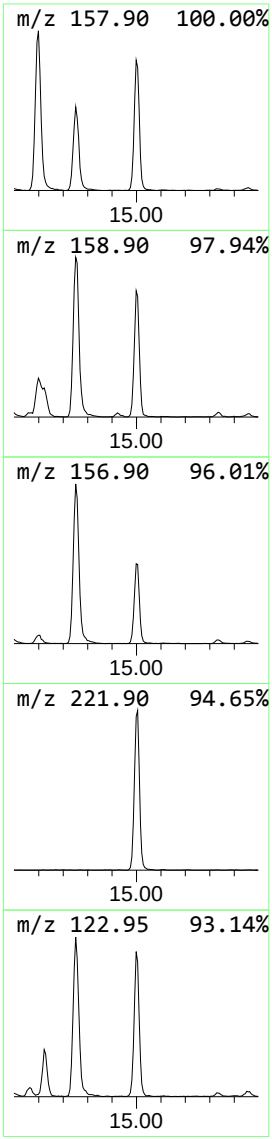
****

Peak Number 4 unknown-01 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.998	9.70 ng/ul	1587890	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Bromo-2-methylquinoxaline	222	C9H7BrN2	076982-27-9	25
2	Borane, dichlorophenyl-	158	C6H5BCl2	000873-51-8	20
3	Benzene, 1,2,4-trichloro-3-methyl-	194	C7H5Cl3	002077-46-5	18
4	2,4,5-Trichlorotoluene	194	C7H5Cl3	006639-30-1	18
5	6-Bromo-2-methylquinoxaline	222	C9H7BrN2	076982-26-8	15





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007429.D
Acq On : 15 Oct 2021 00:33
Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA2

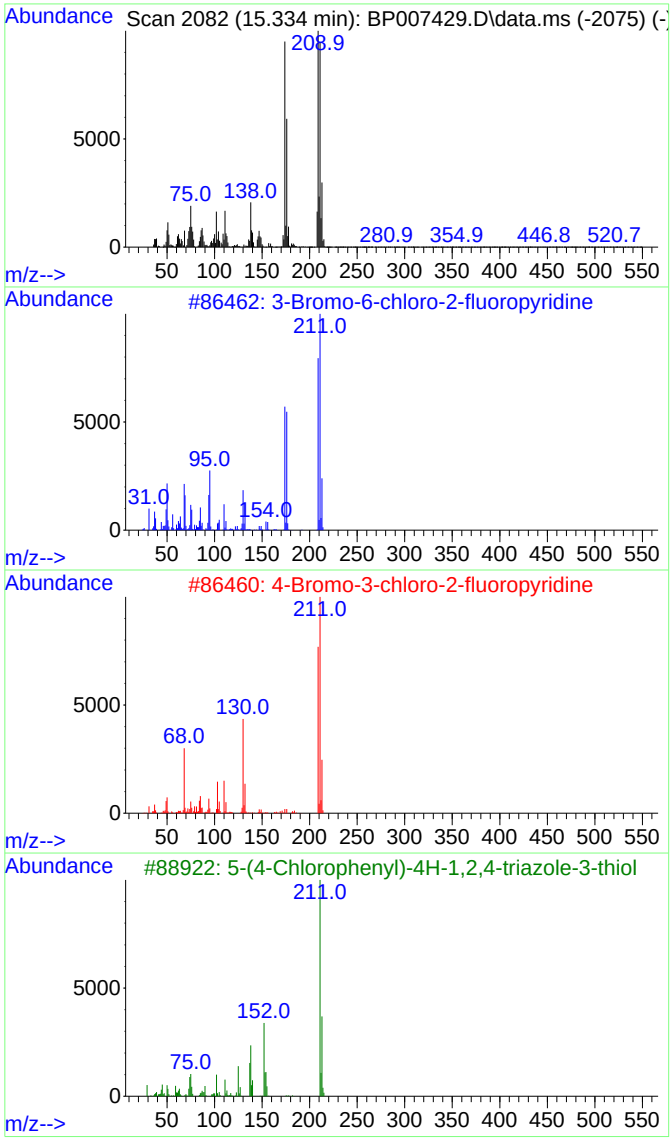
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

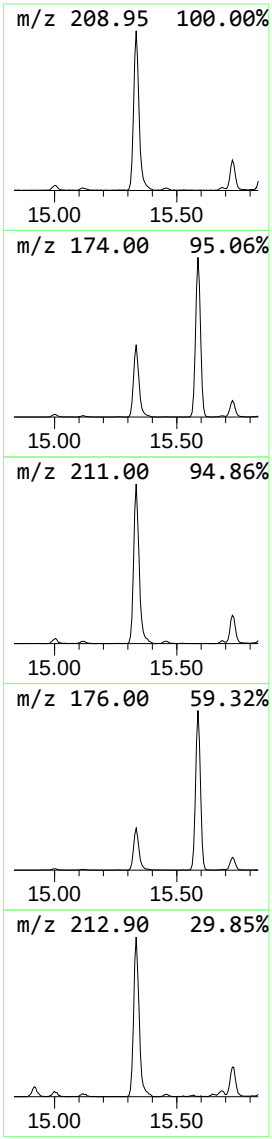
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3-Bromo-6-chloro-2-fluoropy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.334	9.58 ng/ul	1568840	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Bromo-6-chloro-2-fluoropyridine	209	C5H2BrClFN	885952-18-1	53
2	4-Bromo-3-chloro-2-fluoropyridine	209	C5H2BrClFN	1017793-21-3	43
3	5-(4-Chlorophenyl)-4H-1,2,4-tria...	211	C8H6ClN3S	026028-65-9	25
4	(3,5-Dichlorophenyl)ethylamine	189	C8H9Cl2N	1000306-63-2	22
5	Benzothiazole, 2-phenyl-	211	C13H9NS	000883-93-2	18





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007429.D
Acq On : 15 Oct 2021 00:33
Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA2

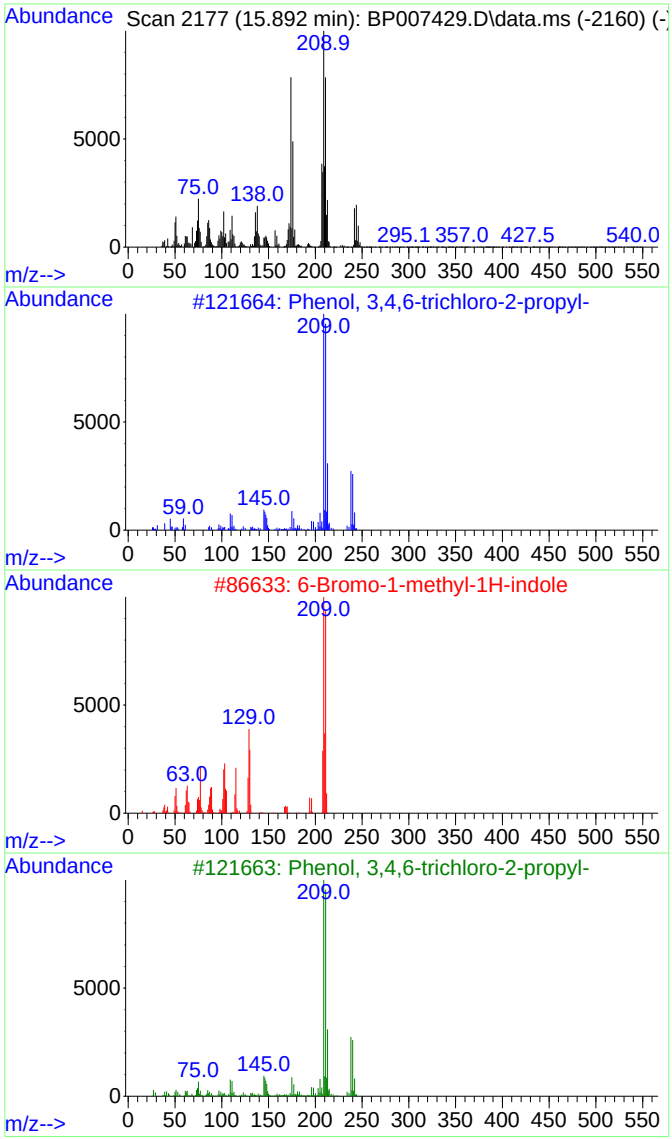
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

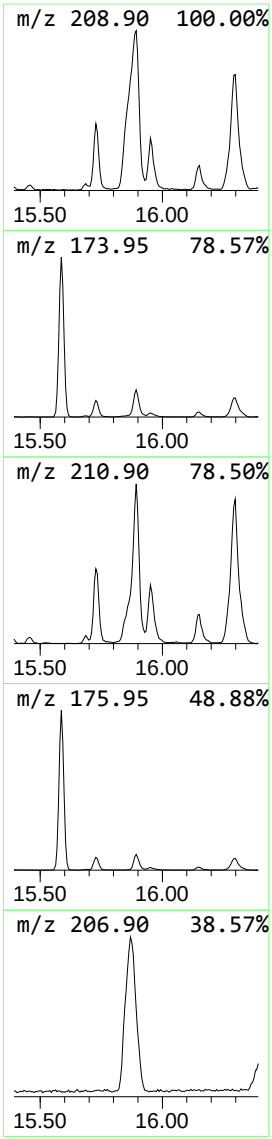
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.893	9.63 ng/ul	1577280	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,6-trichloro-2-propyl-	238	C9H9Cl3O	055538-73-3	35
2	6-Bromo-1-methyl-1H-indole	209	C9H8BrN	125872-95-9	35
3	Phenol, 3,4,6-trichloro-2-propyl-	238	C9H9Cl3O	055538-73-3	35
4	4-Pentenoic acid, 5-(4-bromophen...	352	C17H21BrO3	302941-31-7	27
5	3-Amino-3-(2,4-dichloro-phenyl)-...	233	C9H9Cl2NO2	1000296-66-3	14





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Acq On : 15 Oct 2021 00:33
Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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

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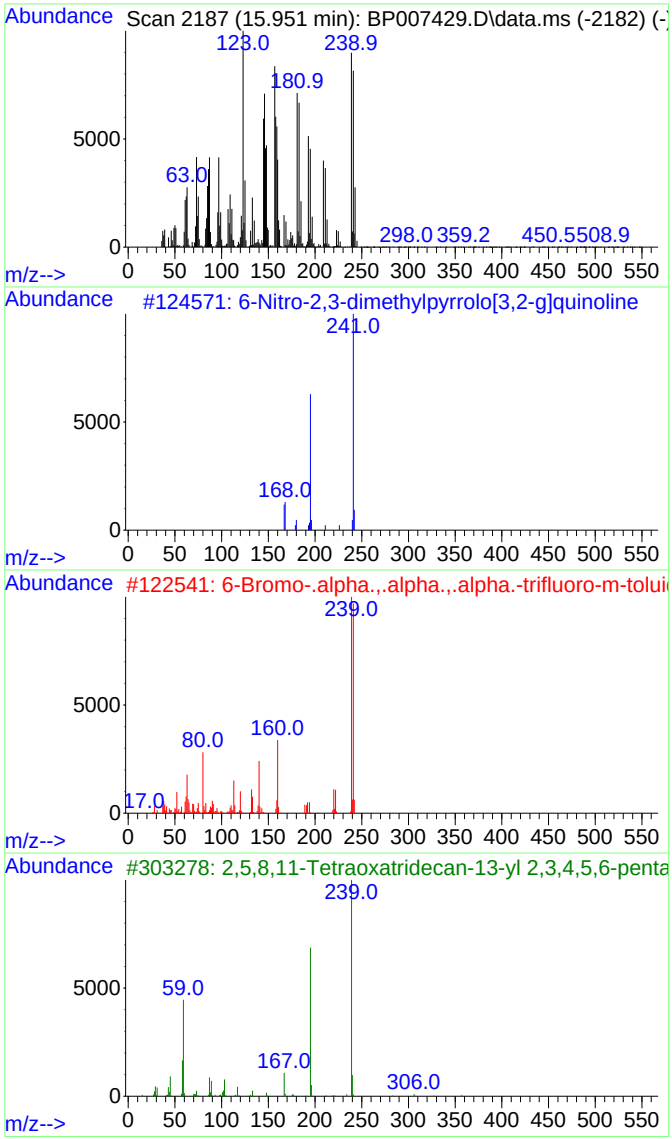
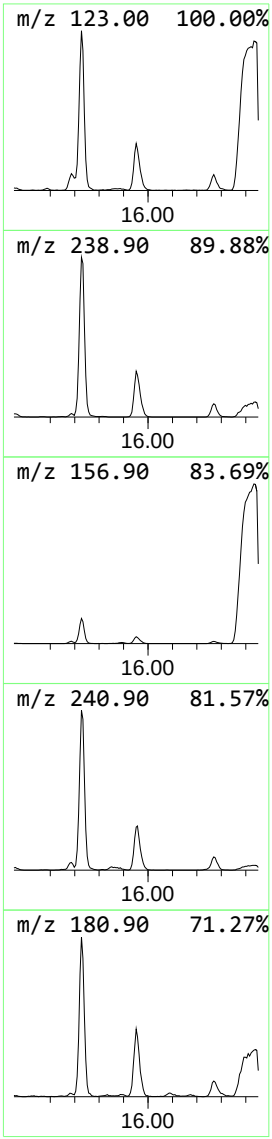
Peak Number 7 unknown-03 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.951	7.51 ng/ul	1229910	Acenaphthene-d10	14.598

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Nitro-2,3-dimethylpyrrolo[3,2-...	241	C13H11N3O2	1000327-19-3	12
2	6-Bromo-.alpha.,.alpha.,.alpha.-...	239	C7H5BrF3N	000454-79-5	11
3	2,5,8,11-Tetraoxatridecan-13-yl ...	402	C16H19F5O6	1010378-29-9	10
4	Quinoline-3-carbonitrile, 1,2-di...	239	C14H13N3O	209617-30-1	10
5	5-Amino-2-bromobenzotrifluoride	239	C7H5BrF3N	000393-36-2	10





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Operator : CG/JU
Sample : M4126-03
Misc :
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Instrument : BNA_P
ClientSampleId : C0AA2

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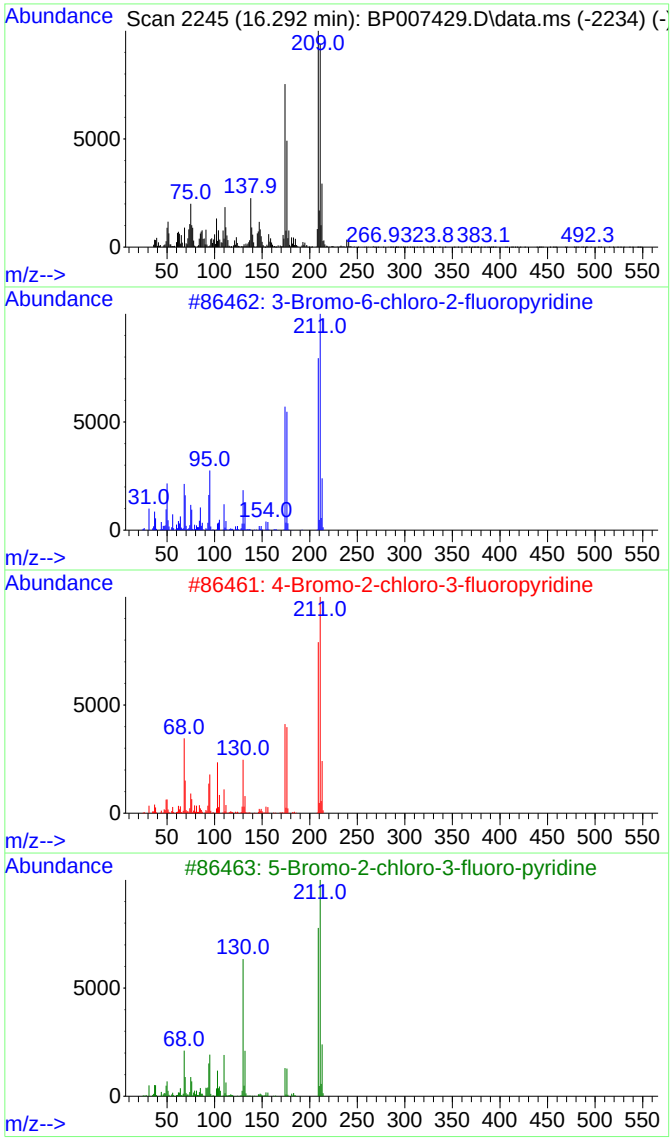
Quant Title : SVOA CALIBRATION

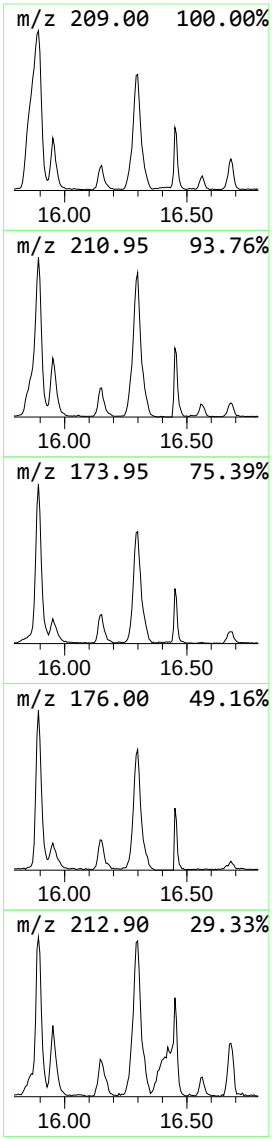
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4-Bromo-2-chloro-3-fluoropy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.293	4.60 ng/ul	993392	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Bromo-6-chloro-2-fluoropyridine	209	C5H2BrClFN	885952-18-1	87
2	4-Bromo-2-chloro-3-fluoropyridine	209	C5H2BrClFN	1211526-56-5	58
3	5-Bromo-2-chloro-3-fluoro-pyridine	209	C5H2BrClFN	831203-13-5	49
4	2-(4-Chlorophenyl)-4-hydroxy-5-m...	209	C9H8ClN3O	203444-18-2	38
5	4(1H)-Pyrimidinone, 5-bromo-	174	C4H3BrN2O	019808-30-1	25





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Instrument : BNA_P
ClientSampleId : C0AA2

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Quant Title : SVOA CALIBRATION

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

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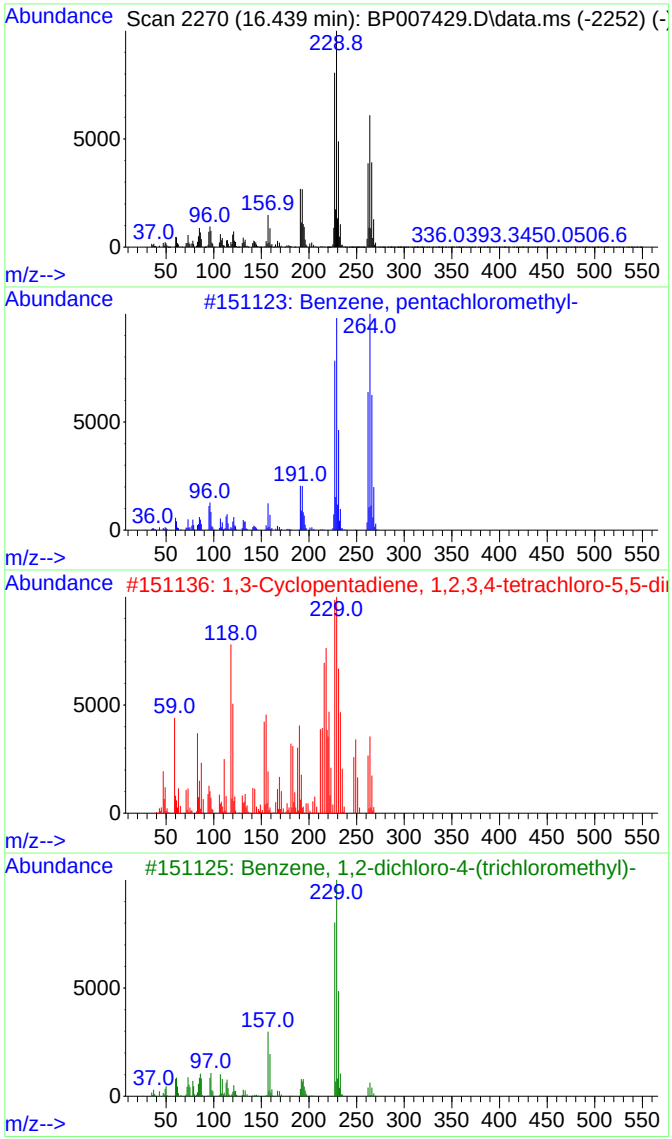
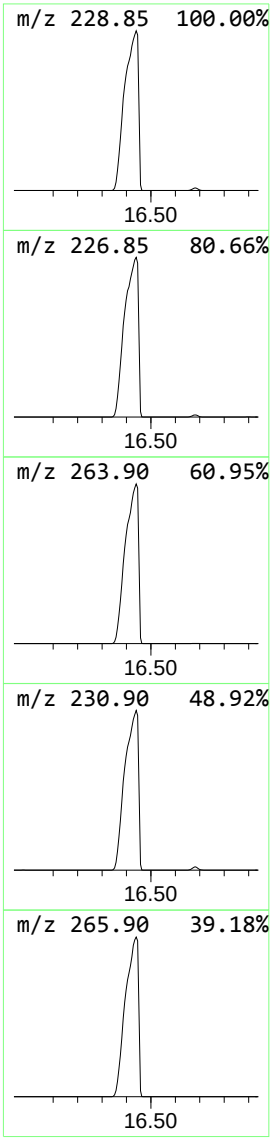
Peak Number 9 Benzene, pentachloromethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.439	605.62 ng/ul	130741000	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentachloromethyl-	262	C7H3Cl5	000877-11-2	97
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	262	C7H6Cl4O2	002207-27-4	94
3	Benzene, 1,2-dichloro-4-(trichlo...	262	C7H3Cl5	013014-24-9	50
4	Benzene, 2,4-dichloro-1-(trichlo...	262	C7H3Cl5	013014-18-1	49
5	Benzene, 2,4-dichloro-1-(trichlo...	262	C7H3Cl5	013014-18-1	49





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Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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

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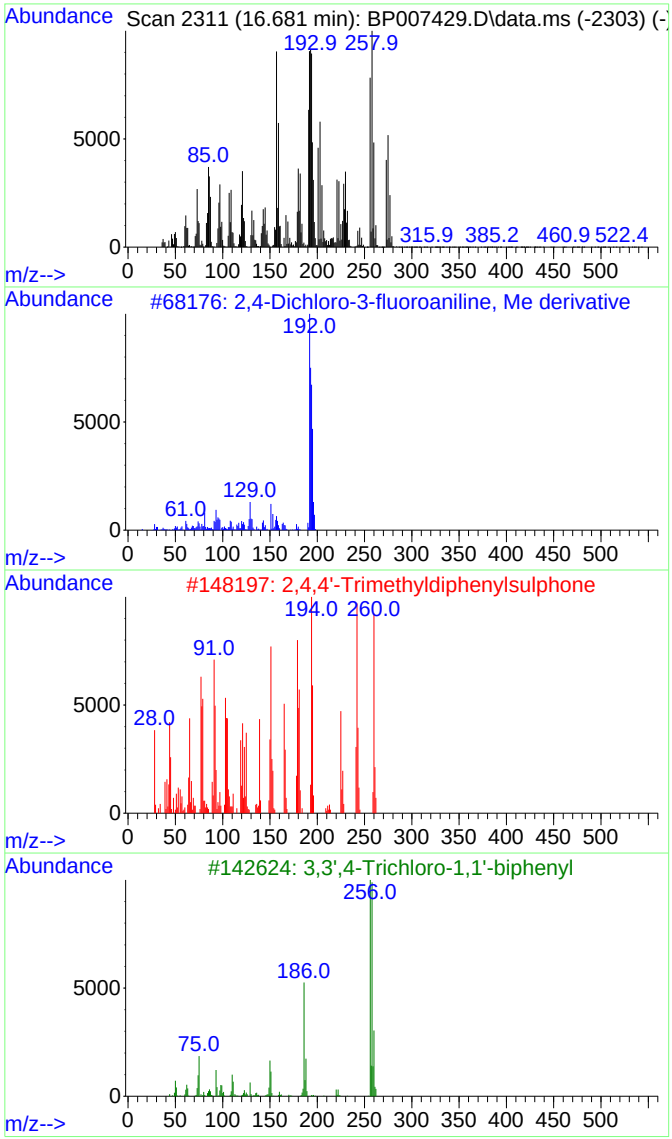
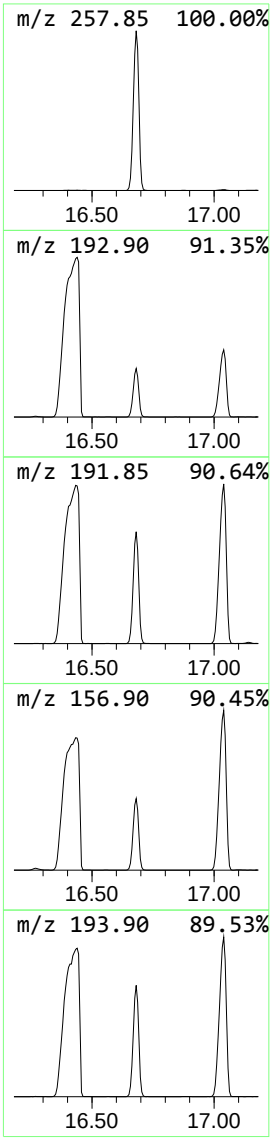
Peak Number 10 unknown-04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.681	62.96 ng/ul	13591300	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dichloro-3-fluoroaniline, Me...	193	C7H6Cl2FN	1010497-83-5	38
2	2,4,4'-Trimethyldiphenylsulphone	260	C15H16O2S	013249-97-3	25
3	3,3',4-Trichloro-1,1'-biphenyl	256	C12H7Cl3	037680-69-6	14
4	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	14
5	1,1'-Biphenyl, 2,3,6-trichloro-	256	C12H7Cl3	055702-45-9	14





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Operator : CG/JU
Sample : M4126-03
Misc :
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BNA_P
ClientSampleId :
C0AA2

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Quant Title : SVOA CALIBRATION

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

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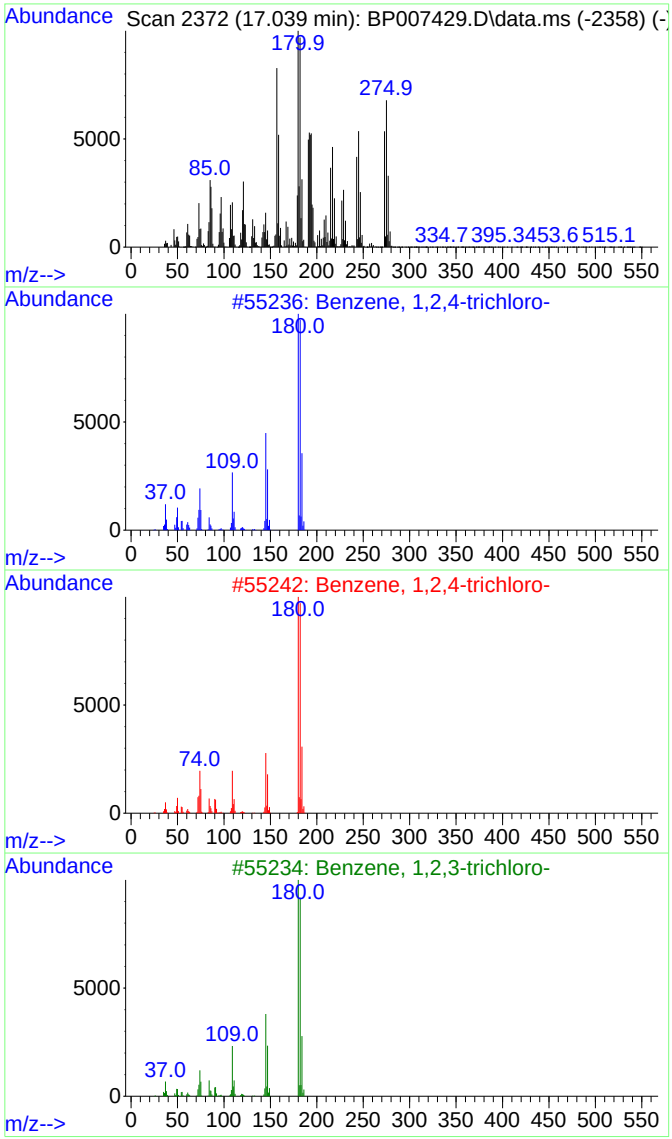
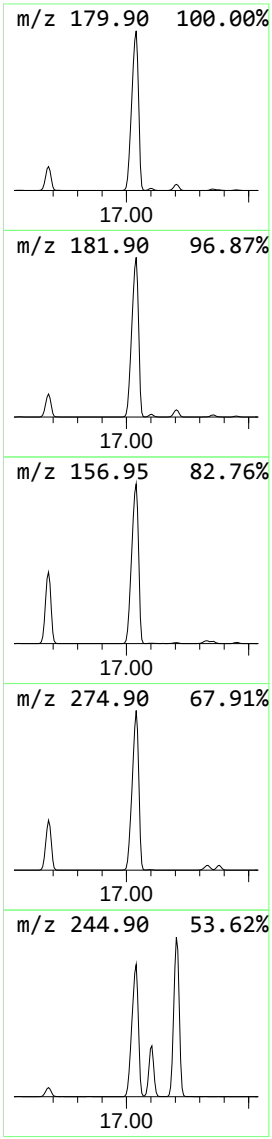
Peak Number 11 unknown-05 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.040	154.98 ng/ul	33456800	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	35
2	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	35
3	Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	20
4	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	20
5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	20





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Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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

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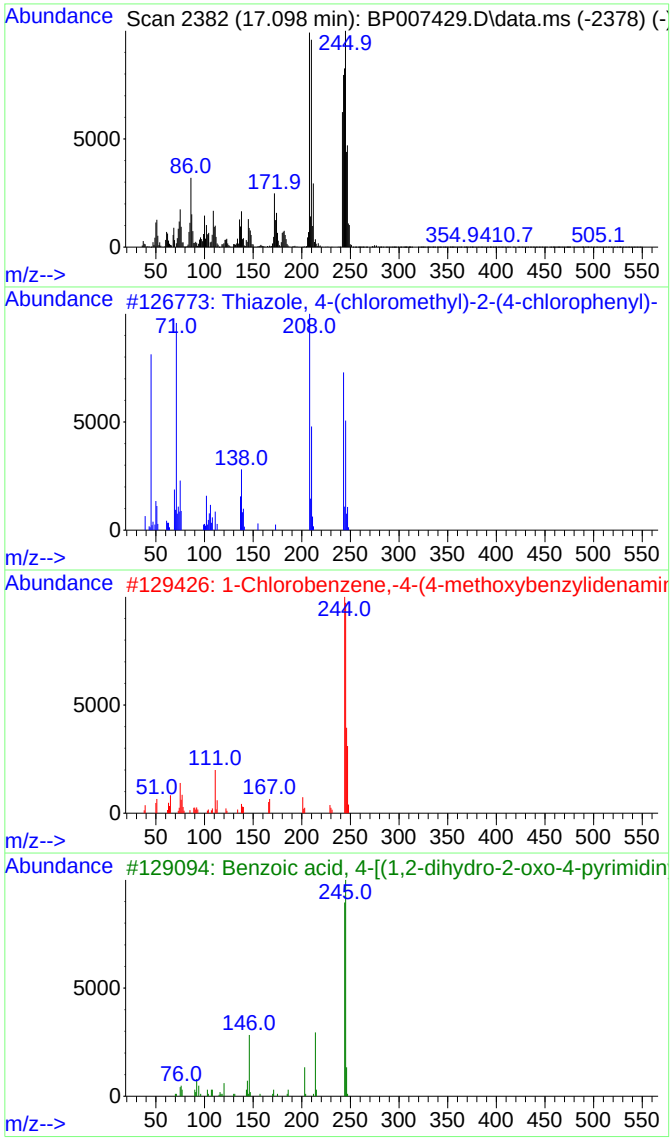
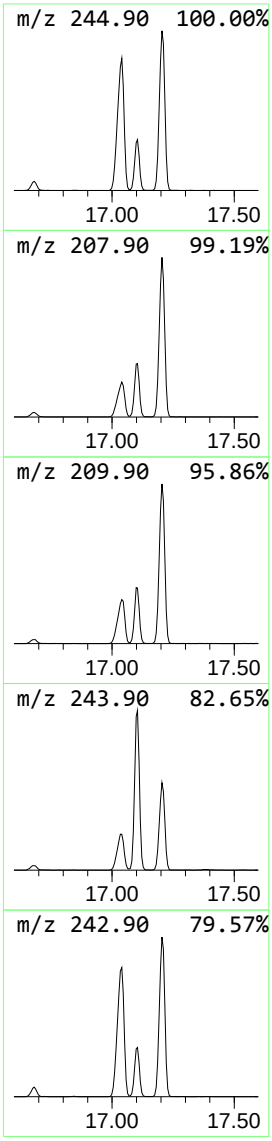
Peak Number 12 unknown-06 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.098	15.72 ng/ul	3392700	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole, 4-(chloromethyl)-2-(4-...	243	C10H7Cl2NS	017969-22-1	35
2	1-Chlorobenzene,-4-(4-methoxyben...	245	C14H12ClNO	1000221-92-4	30
3	Benzoic acid, 4-[(1,2-dihydro-2-...	245	C12H11N3O3	145820-06-0	18
4	2-(4-chlorophenyl)-5-fluoro-1H-i...	245	C14H9ClFN	881040-32-0	15
5	5-Bromo-2,3-difluorophenol	208	C6H3BrF2O	186590-26-1	15





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Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA2

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Quant Title : SVOA CALIBRATION

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

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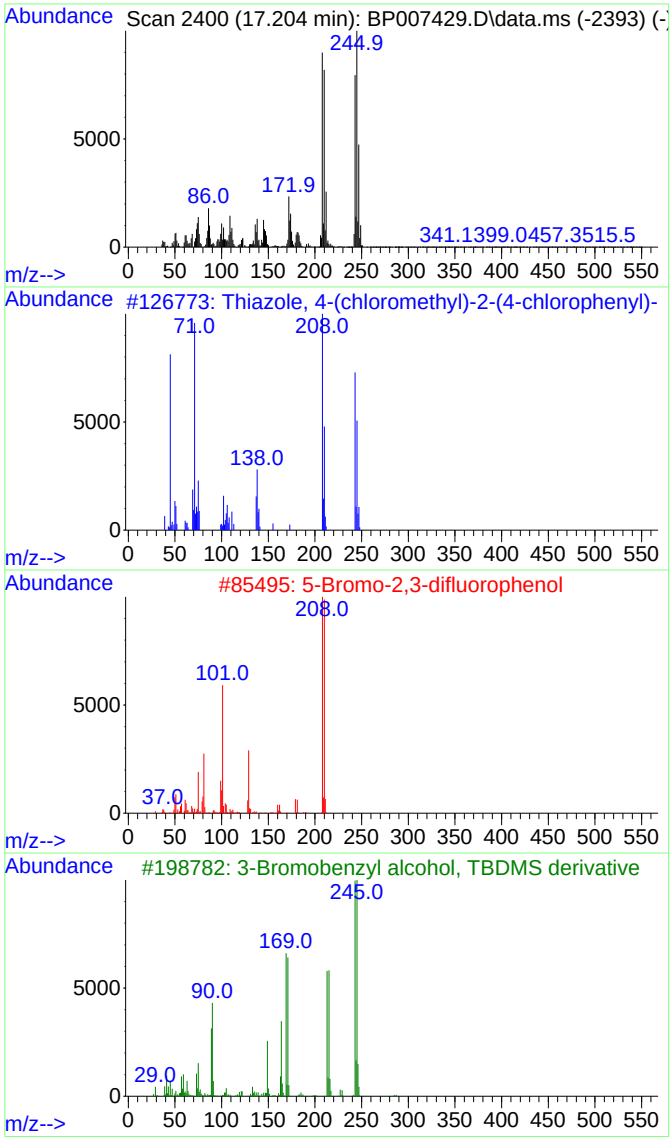
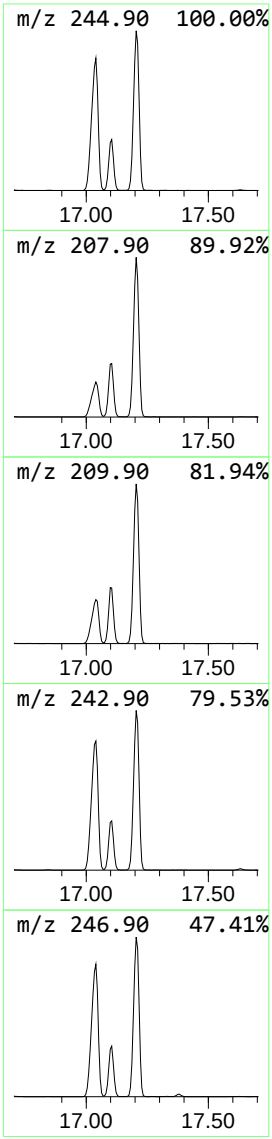
Peak Number 13 unknown-07 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.204	42.20 ng/ul	9111180	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiazole, 4-(chloromethyl)-2-(4-...	243	C10H7Cl2NS	017969-22-1	49
2	5-Bromo-2,3-difluorophenol	208	C6H3BrF2O	186590-26-1	38
3	3-Bromobenzyl alcohol, TBDMS der...	300	C13H21BrOSi	1000364-14-9	30
4	4-Bromo-2,3-difluorophenol	208	C6H3BrF2O	144292-32-0	30
5	l-4-Isopropyl-5-methyl-3-(1-carb...	245	C10H15NO2S2	075624-98-5	18





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Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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

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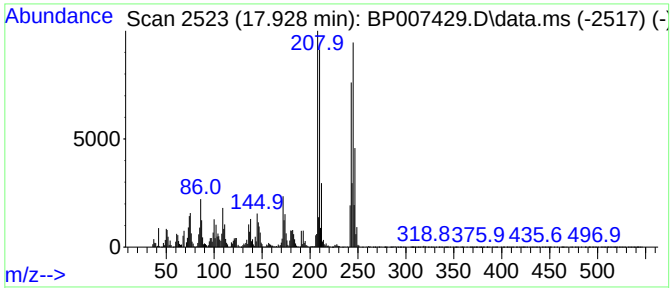
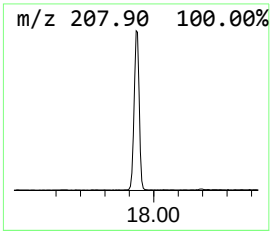
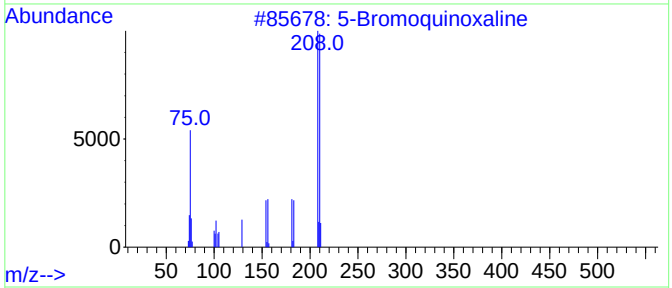
Peak Number 14 unknown-08 Concentration Rank 8

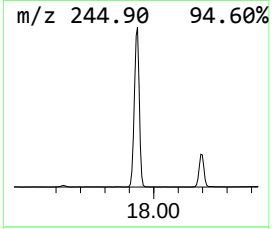
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.928	17.66 ng/ul	3812590	Phenanthrene-d10	17.351

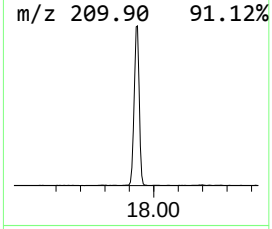
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromoquinoxaline	208	C8H5BrN2	076982-23-5	38
2	2-Chloro-6-(thiophen-2-yl)pyridi...	245	C11H4ClN3S	1000388-97-4	35
3	5-Bromo-2,3-difluorophenol	208	C6H3BrF2O	186590-26-1	30
4	4-Bromo-2,3-difluorophenol	208	C6H3BrF2O	144292-32-0	30
5	3-Bromobenzyl alcohol, TBDMS der...	300	C13H21BrOSi	1000364-14-9	30

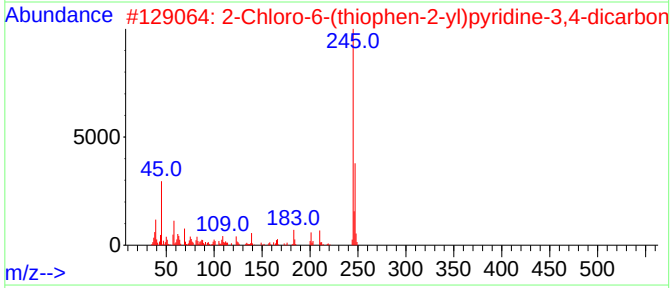


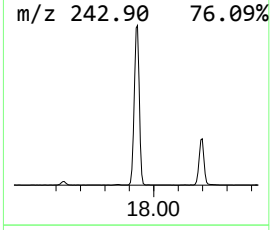


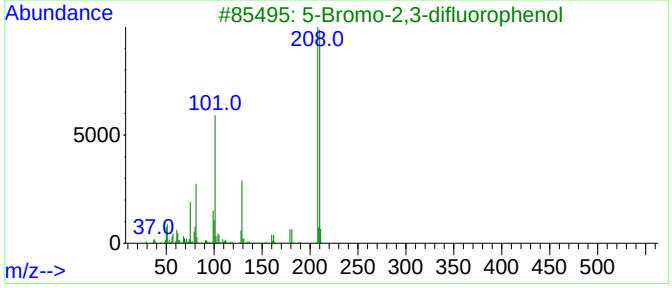


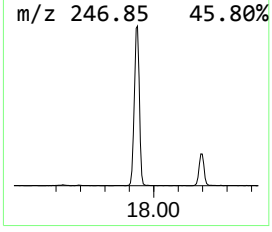












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Data File : BP007429.D
Acq On : 15 Oct 2021 00:33
Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA2

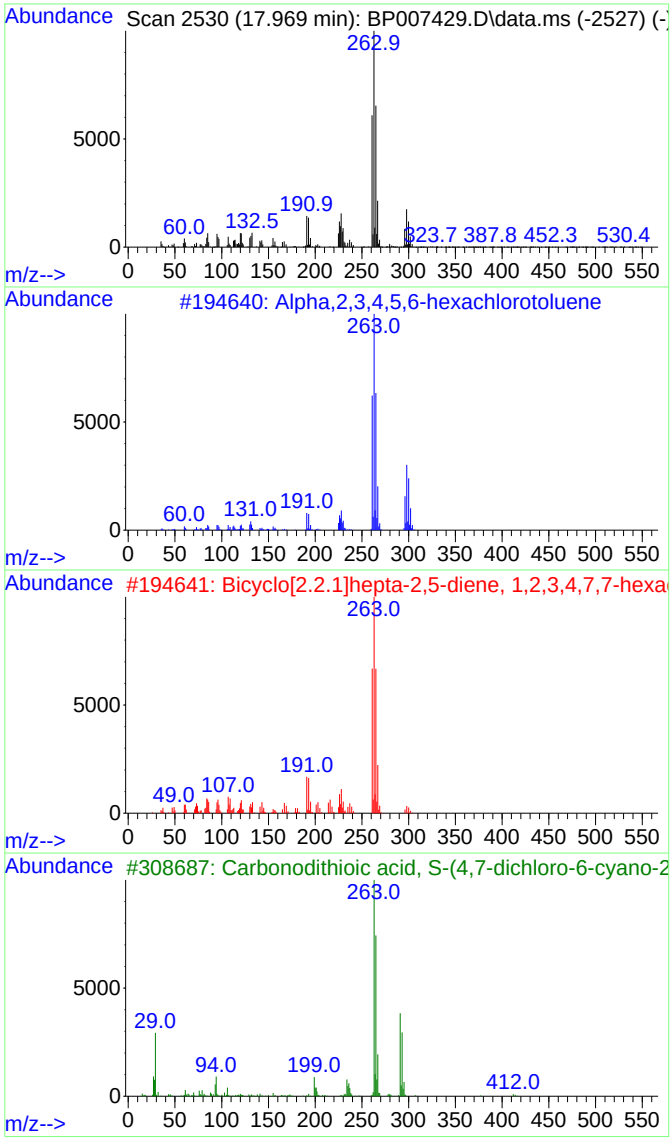
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

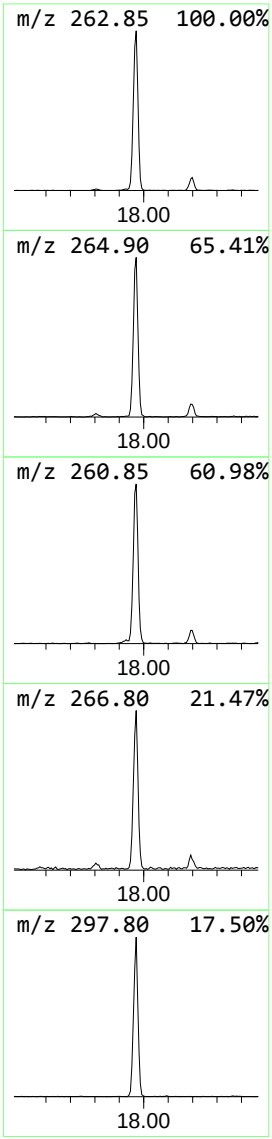
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Alpha,2,3,4,5,6-hexachlorot... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.969	2.87 ng/ul	620366	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Alpha,2,3,4,5,6-hexachlorotoluene	296	C7H2Cl6	002136-78-9	96
2	Bicyclo[2.2.1]hepta-2,5-diene, 1...	296	C7H2Cl6	003389-71-7	90
3	Carbonodithioic acid, S-(4,7-dic...	412	C12H10Cl2N2O2S4	212396-20-8	50
4	Methyl 2,4-dibromobenzoate	292	C8H6Br2O2	1000512-81-2	45
5	4,7-Dimethoxy-5-(trichloromethyl...	298	C10H9Cl3O4	1000487-09-4	38





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Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA2

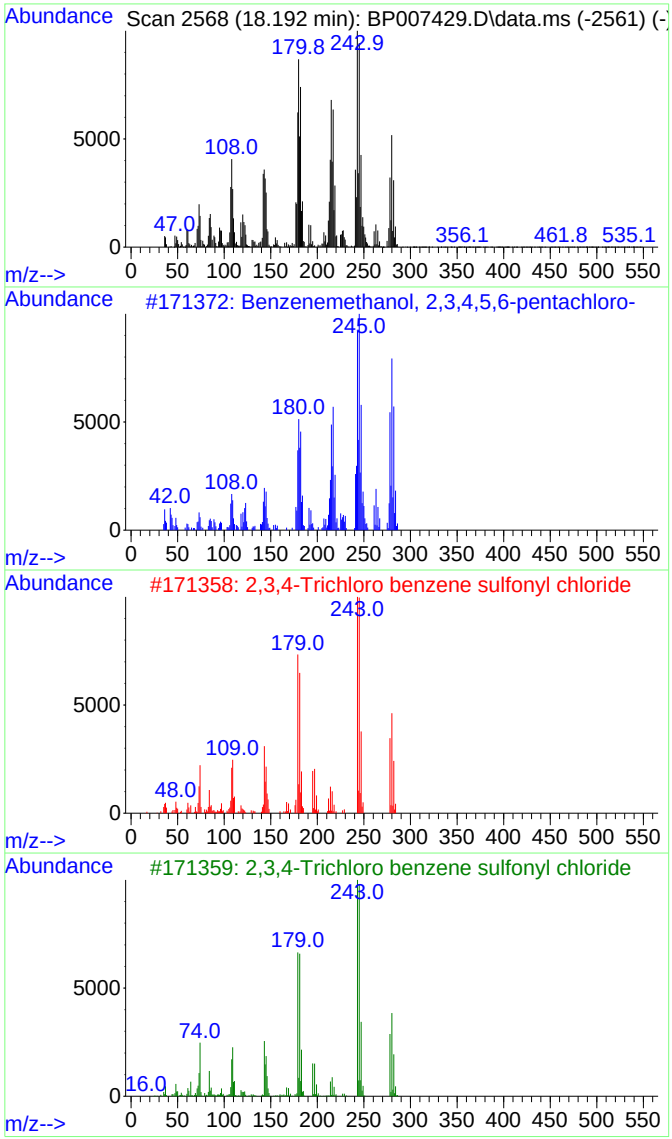
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

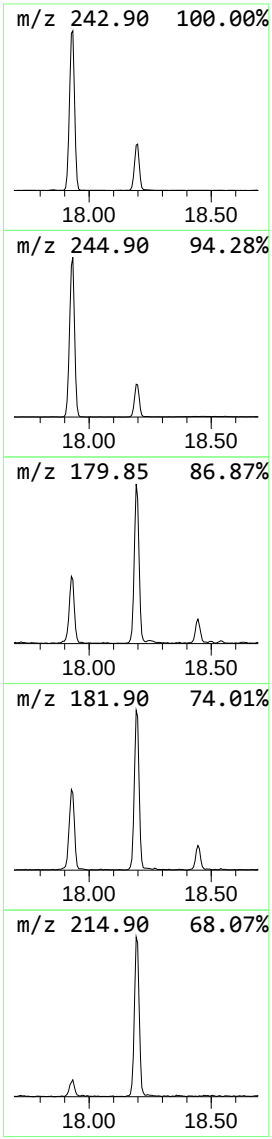
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzenemethanol, 2,3,4,5,6-... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	6.21 ng/ul	1341430	Phenanthrene-d10	17.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, 2,3,4,5,6-penta...	278	C7H3Cl5O	016022-69-8	95
2	2,3,4-Trichloro benzene sulfonyl...	278	C6H2Cl4O2S	034732-09-7	90
3	2,3,4-Trichloro benzene sulfonyl...	278	C6H2Cl4O2S	034732-09-7	70
4	Benzenesulfonyl chloride, 2,4,5-...	278	C6H2Cl4O2S	015945-07-0	70
5	Benzenesulfonyl chloride, 2,4,5-...	278	C6H2Cl4O2S	015945-07-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007429.D
Acq On : 15 Oct 2021 00:33
Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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

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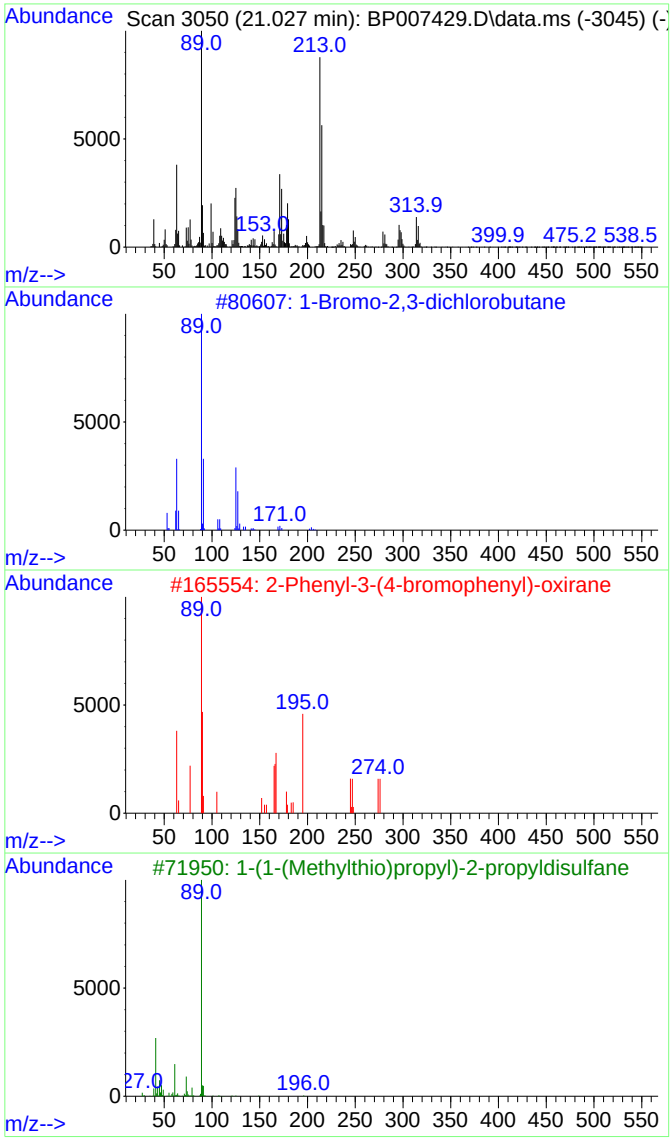
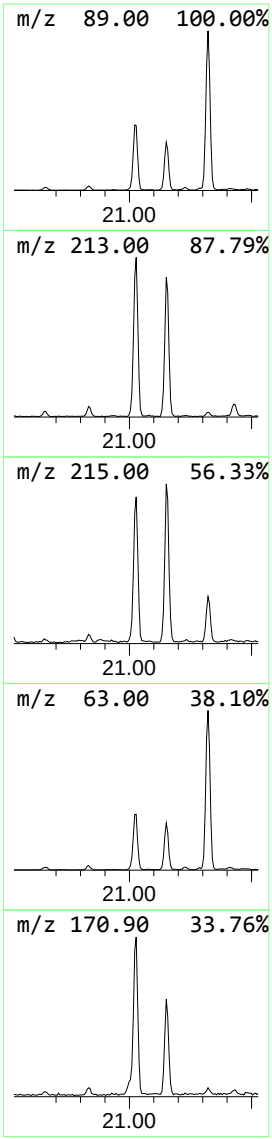
Peak Number 17 unknown-09 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.028	6.77 ng/ul	1236380	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Bromo-2,3-dichlorobutane	204	C4H7BrCl2	038585-79-4	36
2	2-Phenyl-3-(4-bromophenyl)-oxirane	274	C14H11BrO	052881-68-2	36
3	1-(1-(Methylthio)propyl)-2-propy...	196	C7H16S3	126876-22-0	35
4	3,7-Dimethyl-6,7-di(methylthio)o...	248	C12H24OS2	1000314-40-1	35
5	Ethyl 5-amino-1,2,3-thiadiazole-...	173	C5H7N3O2S	006440-02-4	25





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Acq On : 15 Oct 2021 00:33
Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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

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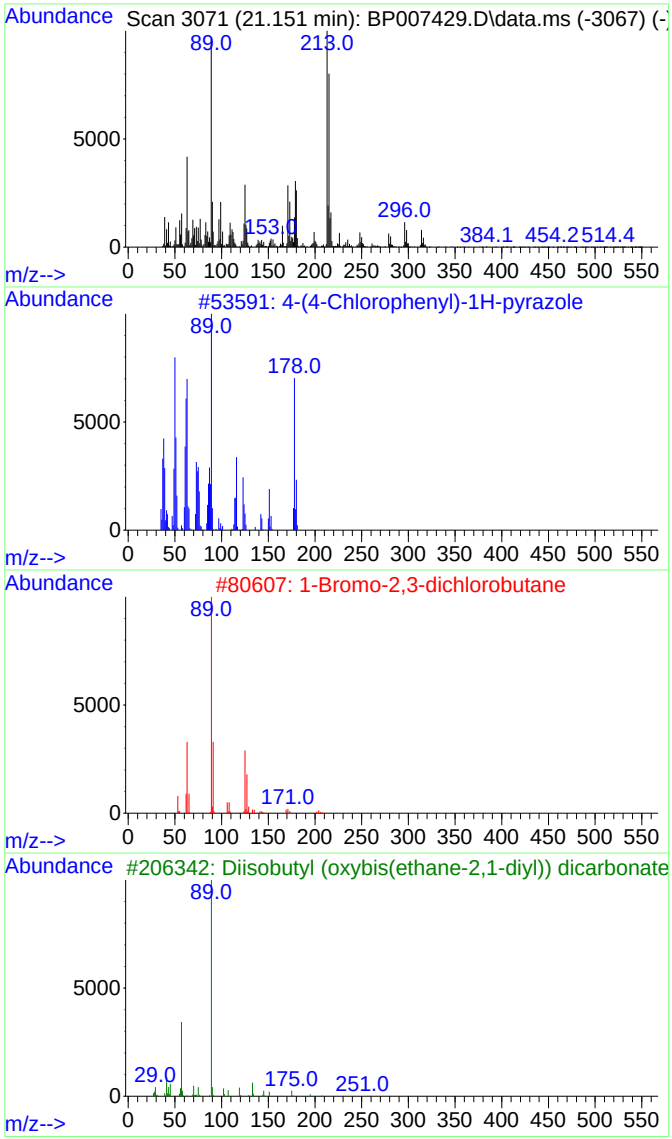
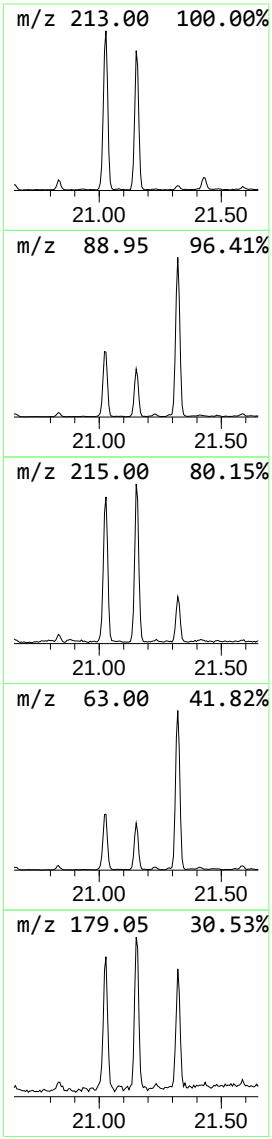
Peak Number 18 unknown-10 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.151	6.36 ng/ul	1161730	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Chlorophenyl)-1H-pyrazole	178	C9H7ClN2	111016-47-8	40
2	1-Bromo-2,3-dichlorobutane	204	C4H7BrCl2	038585-79-4	33
3	Diisobutyl (oxybis(ethane-2,1-di...	306	C14H26O7	1000378-30-5	27
4	3,7-Dimethyl-6,7-di(methylthio)o...	248	C12H24OS2	1000314-40-1	27
5	3-Bromo-4-(5-nitro-2-furyl)-3-bu...	259	C8H6BrNO4	014497-60-0	25





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Acq On : 15 Oct 2021 00:33
Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA2

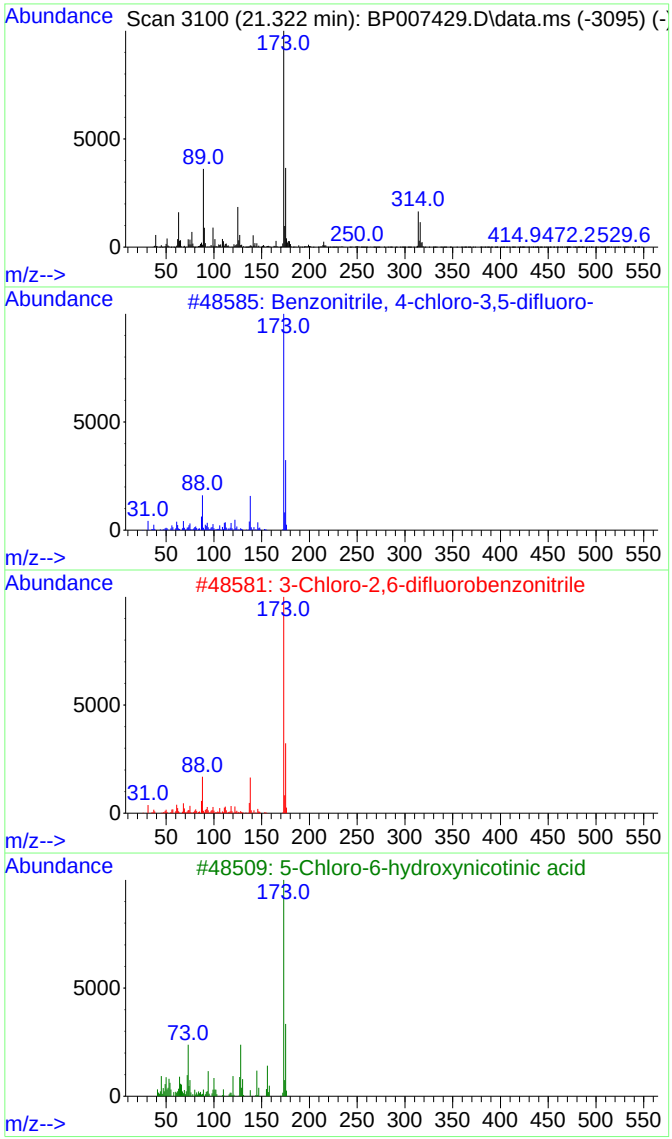
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

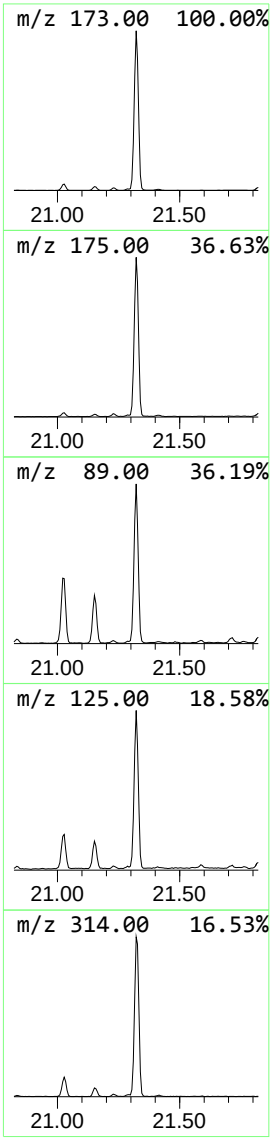
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Benzonitrile, 4-chloro-3,5-... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.322	20.19 ng/ul	3686180	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 4-chloro-3,5-diflu...	173	C7H2ClF2N	144797-57-9	52
2	3-Chloro-2,6-difluorobenzonitrile	173	C7H2ClF2N	086225-73-2	50
3	5-Chloro-6-hydroxynicotinic acid	173	C6H4ClNO3	054127-63-8	50
4	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	50
5	2-Chloro-4,5-difluorobenzonitrile	173	C7H2ClF2N	135748-34-4	50





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Data File : BP007429.D
Acq On : 15 Oct 2021 00:33
Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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

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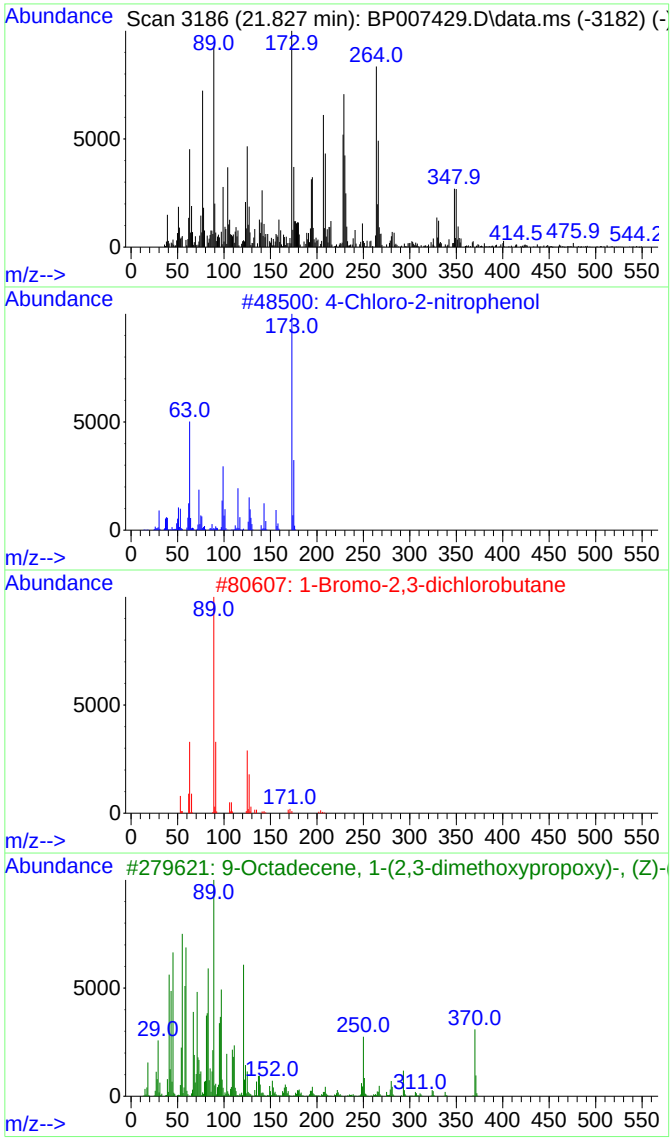
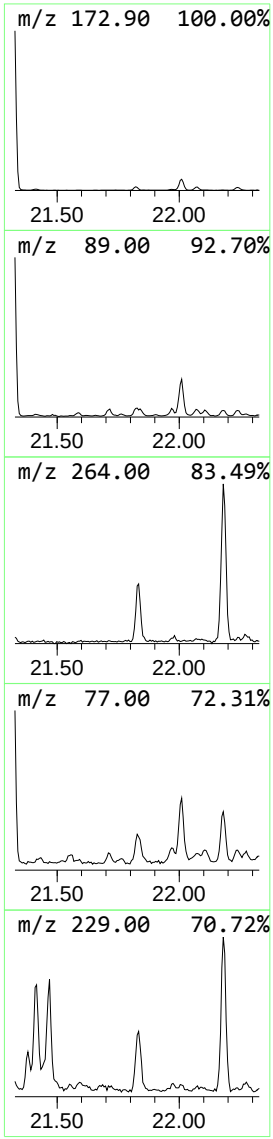
Peak Number 20 unknown-11 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.828	2.05 ng/ul	374461	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	44
2	1-Bromo-2,3-dichlorobutane	204	C4H7BrCl2	038585-79-4	43
3	9-Octadecene, 1-(2,3-dimethoxypr...	370	C23H46O3	055282-66-1	38
4	3-Chlorocoumarin	180	C9H5ClO2	000092-45-5	37
5	4-Chloro-2-nitrophenol	173	C6H4ClNO3	000089-64-5	35





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Data File : BP007429.D
Acq On : 15 Oct 2021 00:33
Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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

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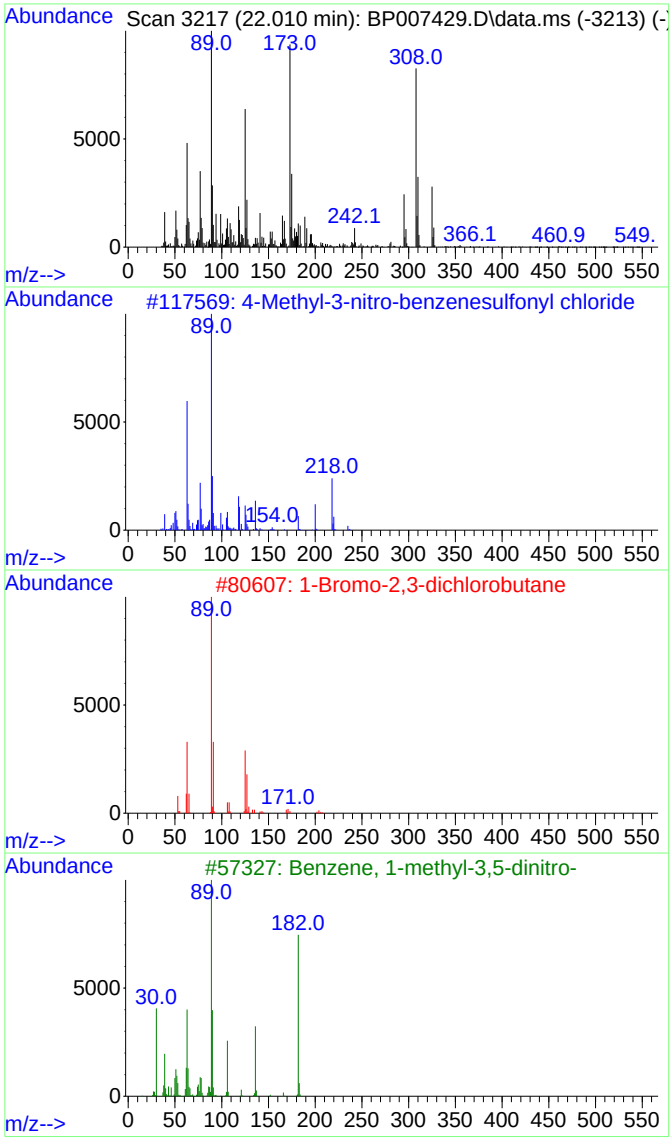
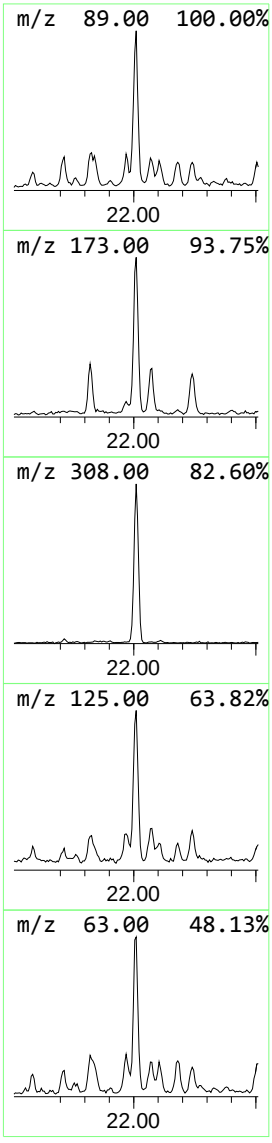
Peak Number 21 unknown-12 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.010	4.20 ng/ul	766852	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-3-nitro-benzenesulfonyl...	235	C7H6ClNO4S	1000296-09-3	47
2	1-Bromo-2,3-dichlorobutane	204	C4H7BrCl2	038585-79-4	40
3	Benzene, 1-methyl-3,5-dinitro-	182	C7H6N2O4	000618-85-9	38
4	Benzene, 1-methyl-3,5-dinitro-	182	C7H6N2O4	000618-85-9	35
5	Oxirane, 2-(4-nitrophenyl)-	165	C8H7NO3	1000362-15-5	28





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007429.D
Acq On : 15 Oct 2021 00:33
Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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

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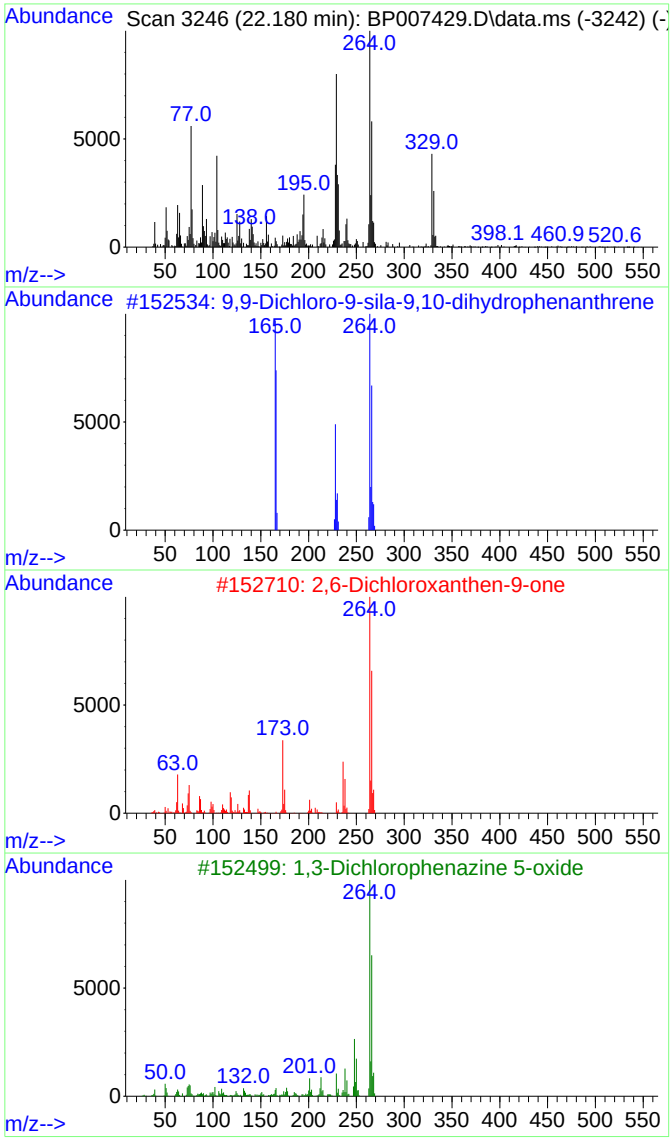
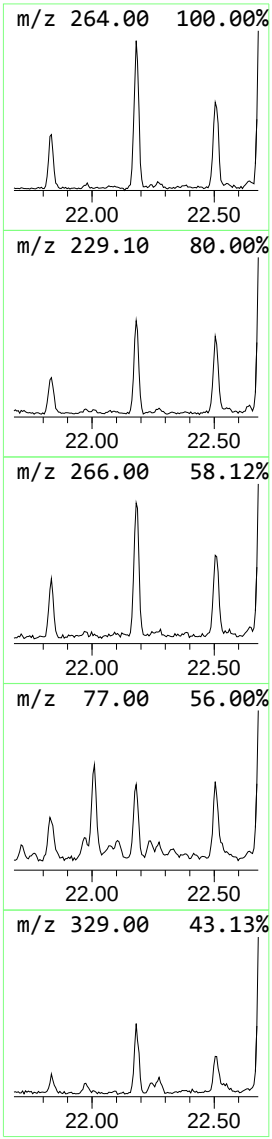
Peak Number 22 unknown-13 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.180	2.06 ng/ul	376641	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,9-Dichloro-9-sila-9,10-dihydro...	264	C13H10Cl2Si	076470-26-3	46
2	2,6-Dichloroxanthen-9-one	264	C13H6Cl2O2	001556-62-3	30
3	1,3-Dichlorophenazine 5-oxide	264	C12H6Cl2N2O	053601-82-4	30
4	2,7-Dichloroxanthen-9-one	264	C13H6Cl2O2	055103-01-0	30
5	1,2-Dichlorophenazine 5-oxide	264	C12H6Cl2N2O	006479-76-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007429.D
Acq On : 15 Oct 2021 00:33
Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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

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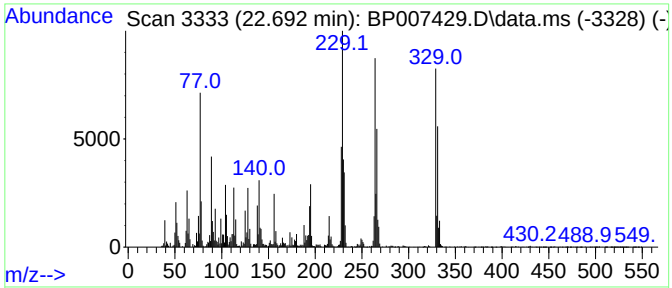
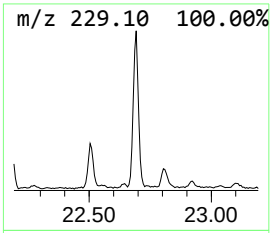
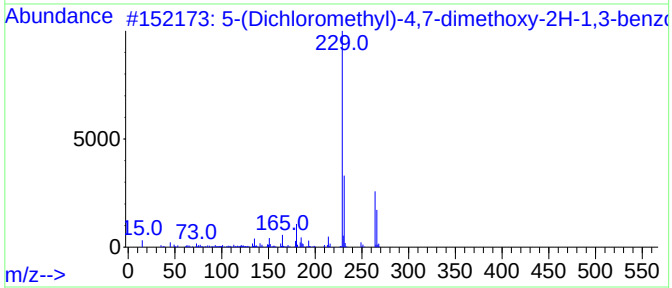
Peak Number 23 unknown-14 Concentration Rank 15

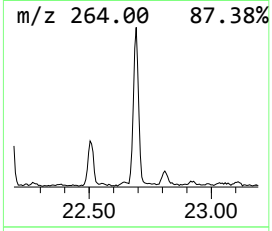
R.T.	EstConc	Area	Relative to ISTD	R.T.
22.692	6.74 ng/ul	1222640	Perylene-d12	23.880

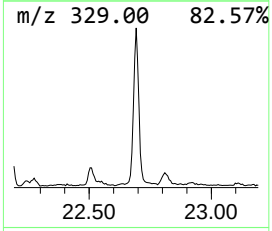
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-(Dichloromethyl)-4,7-dimethoxy...	264	C10H10Cl2O4	1000487-09-3	30
2	3,6-Dichlorocatechol, cyclic phe...	264	C12H7BCl2O2	1000293-25-1	20
3	1,2-Dichlorophenazine 5-oxide	264	C12H6Cl2N2O	006479-76-1	15
4	2-(5-Chloro-1,3-benzoxazol-2-yl)...	329	C16H12ClN3OS	1000411-11-2	15
5	(Z,Z)-3-Methyl-3H-cyclonona(def)...	230	C18H14	110823-80-8	14

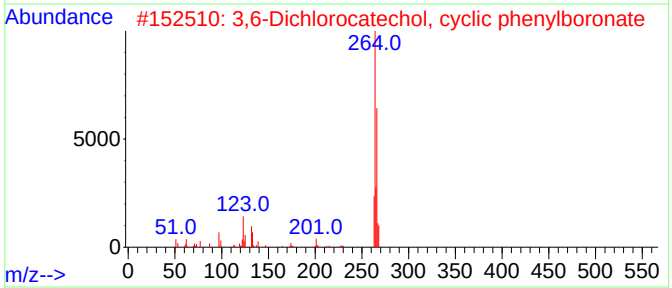


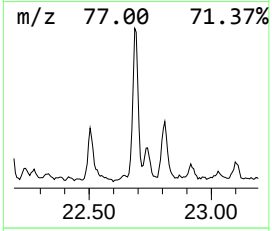


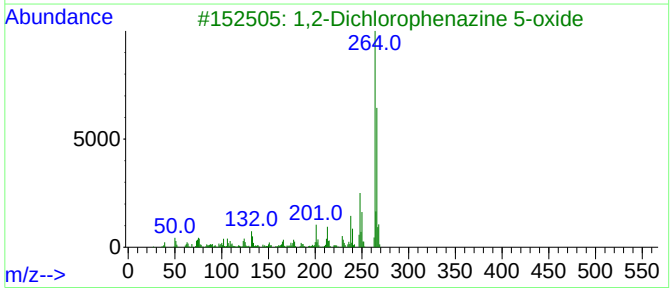


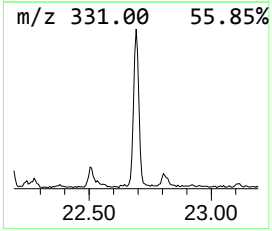












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Data File : BP007429.D
Acq On : 15 Oct 2021 00:33
Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA2

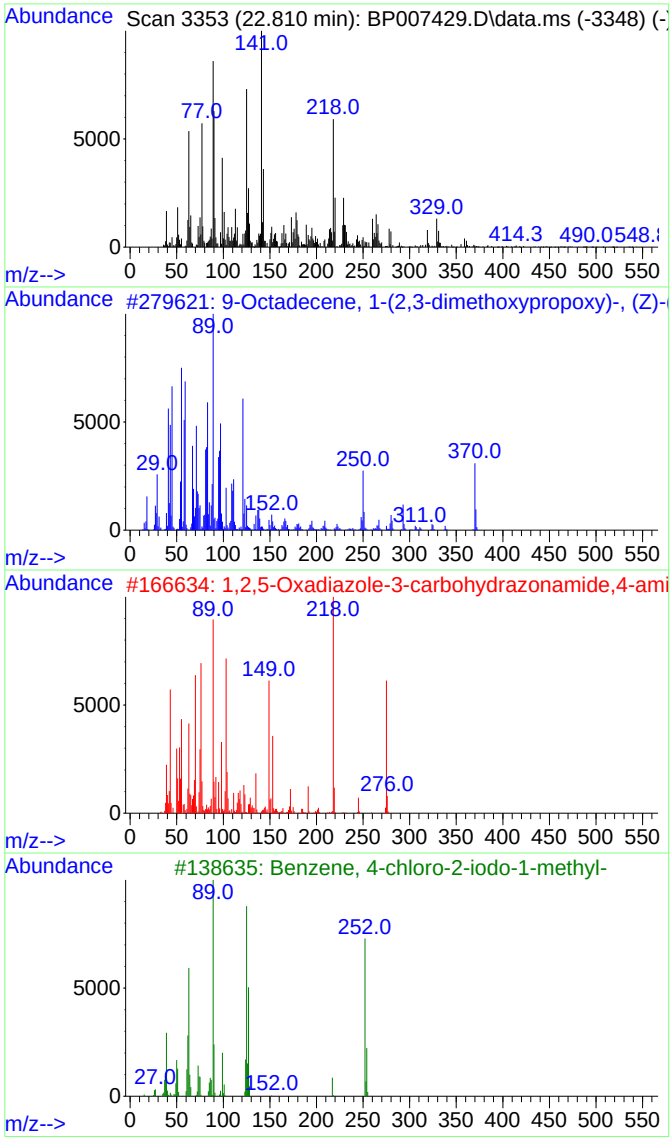
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

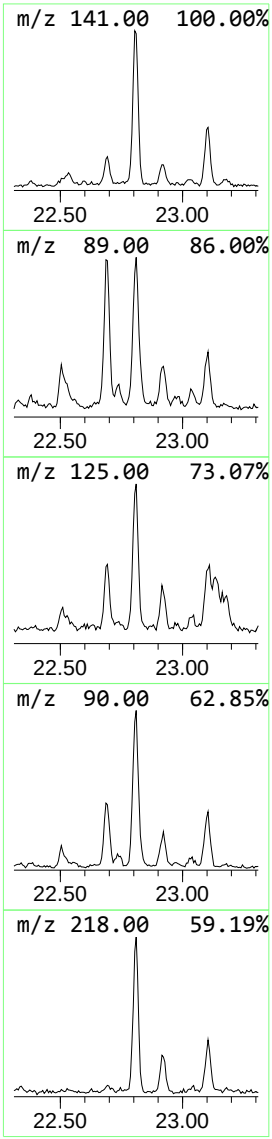
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 9-Octadecene, 1-(2,3-dimeth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.810	3.96 ng/ul	717302	Perylene-d12	23.880

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecene, 1-(2,3-dimethoxypr...	370	C23H46O3	055282-66-1	95
2	1,2,5-Oxadiazole-3-carbohydrazon...	275	C10H9N7O3	1000276-22-7	62
3	Benzene, 4-chloro-2-iodo-1-methyl-	252	C7H6ClI	033184-48-4	53
4	3-Methyl-thiophene-2-carboxamide	141	C6H7NOS	076655-99-7	38
5	1-Bromo-2,3-dichlorobutane	204	C4H7BrCl2	038585-79-4	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101421\
Data File : BP007429.D
Acq On : 15 Oct 2021 00:33
Operator : CG/JU
Sample : M4126-03
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0AA2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.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
Butane, 2-metho...	3.128	121.6	ng/ul	9677330	1	7.963	1591230	20.0
Benzene, 1,2,4-...	12.334	2.6	ng/ul	288082	2	10.769	2236370	20.0
Benzene, 1,2,4-...	14.416	83.3	ng/ul	13642600	3	14.598	3274270	20.0
unknown-01	14.998	9.7	ng/ul	1587890	3	14.598	3274270	20.0
3-Bromo-6-chlor...	15.334	9.6	ng/ul	1568840	3	14.598	3274270	20.0
unknown-02	15.893	9.6	ng/ul	1577280	3	14.598	3274270	20.0
unknown-03	15.951	7.5	ng/ul	1229910	3	14.598	3274270	20.0
4-Bromo-2-chlor...	16.293	4.6	ng/ul	993392	4	17.351	4317590	20.0
Benzene, pentac...	16.439	605.6	ng/ul	130741000	4	17.351	4317590	20.0
unknown-04	16.681	63.0	ng/ul	13591300	4	17.351	4317590	20.0
unknown-05	17.040	155.0	ng/ul	33456800	4	17.351	4317590	20.0
unknown-06	17.098	15.7	ng/ul	3392700	4	17.351	4317590	20.0
unknown-07	17.204	42.2	ng/ul	9111180	4	17.351	4317590	20.0
unknown-08	17.928	17.7	ng/ul	3812590	4	17.351	4317590	20.0
Alpha,2,3,4,5,6...	17.969	2.9	ng/ul	620366	4	17.351	4317590	20.0
Benzenemethanol...	18.192	6.2	ng/ul	1341430	4	17.351	4317590	20.0
unknown-09	21.028	6.8	ng/ul	1236380	5	21.433	3650700	20.0
unknown-10	21.151	6.4	ng/ul	1161730	5	21.433	3650700	20.0
Benzonitrile, 4...	21.322	20.2	ng/ul	3686180	5	21.433	3650700	20.0
unknown-11	21.828	2.0	ng/ul	374461	5	21.433	3650700	20.0
unknown-12	22.010	4.2	ng/ul	766852	5	21.433	3650700	20.0
unknown-13	22.180	2.1	ng/ul	376641	5	21.433	3650700	20.0
unknown-14	22.692	6.7	ng/ul	1222640	6	23.880	3626780	20.0
9-Octadecene, 1...	22.810	4.0	ng/ul	717302	6	23.880	3626780	20.0