LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083024\
Data File : BP021766.D
Acq On : 31 Aug 2024 00:15
Operator : RC/JU
Sample : P3733-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A44A0

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-BP082324.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021766.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.016	3	5	26	rVB	4293483	4833599	84.58%	7.336%
2	3.275	45	49	54	rVB	71332	90863	1.59%	0.138%
3	3.540	90	94	108	rVB	61247	100840	1.76%	0.153%
4	3.687	114	119	139	rBV	964593	1377129	24.10%	2.090%
5	3.881	150	152	158	rVB7	5042	7598	0.13%	0.012%
6	4.010	171	174	181	rVB	19968	30107	0.53%	0.046%
7	4.452	246	249	253	rBV6	4637	7449	0.13%	0.011%
8	4.799	306	308	315	rVB8	5545	8942	0.16%	0.014%
9	4.922	324	329	334	rBV2	17688	27832	0.49%	0.042%
10	5.757	466	471	478	rBV6	11044	20406	0.36%	0.031%
11	6.057	516	522	530	rBV5	9617	16372	0.29%	0.025%
12	6.793	641	647	653	rVB3	11058	22632	0.40%	0.034%
13	6.957	668	675	691	rBV	1119742	1814875	31.76%	2.755%
14	7.110	694	701	712	rVB	932457	1443424	25.26%	2.191%
15	7.322	728	737	744	rBV	1059103	1744247	30.52%	2.647%
16	7.387	744	748	755	rVB2	17717	33599	0.59%	0.051%
17	7.710	799	803	808	rBV8	4036	7798	0.14%	0.012%
18	7.781	808	815	823	rVV	1050666	1695502	29.67%	2.573%
19	7.846	823	826	836	rVB	6355	14413	0.25%	0.022%
20	7.998	846	852	854	rBV5	4310	7355	0.13%	0.011%
21	8.145	871	877	884	rBV5	5716	14036	0.25%	0.021%
22	8.481	925	934	943	rBV	1440794	2245608	39.29%	3.408%
23	8.928	1001	1010	1020	rBV	1033575	1664264	29.12%	2.526%
24	9.492	1101	1106	1112	rVB8	5205	11382	0.20%	0.017%
25	9.645	1124	1132	1140	rBV	766315	1297975	22.71%	1.970%
26	9.751	1148	1150	1158	rVB9	4559	7811	0.14%	0.012%
27	9.898	1174	1175	1182	rVB7	4148	6437	0.11%	0.010%
28	10.187	1212	1224	1240	rBV	1105514	2020581	35.36%	3.067%
29	10.569	1278	1289	1300	rBV	1237897	2238136	39.16%	3.397%
30	10.698	1303	1311	1326	rBV	1035194	1958890	34.28%	2.973%
31	11.110	1374	1381	1387	rBV	5032	12810	0.22%	0.019%
32	11.316	1409	1416	1420	rBV2	40039	84472	1.48%	0.128%
33	11.516	1445	1450	1456	rVB10	4292	10868	0.19%	0.016%
34	11.781	1492	1495	1503	rVB8	4920	11834	0.21%	0.018%
35	12.063	1539	1543	1547	rBV4	6945	9979	0.17%	0.015%
36	12.163	1554	1560	1566	rBV2	19552	35232	0.62%	0.053%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083024\
Data File : BP021766.D
Acq On : 31 Aug 2024 00:15
Operator : RC/JU
Sample : P3733-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44A0

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-BP082324.MA.M
Title : SVOA CALIBRATION

37	12.781	1659	1665	1672	rBV5	9590	21391	0.37%	0.032%
38	13.022	1701	1706	1711	rBV3	15455	25484	0.45%	0.039%
39	13.328	1753	1758	1762	rVB8	5798	9684	0.17%	0.015%
40	13.375	1762	1766	1770	rBV7	5275	9139	0.16%	0.014%
41	13.639	1802	1811	1816	rBV7	13766	26683	0.47%	0.040%
42	13.822	1835	1842	1859	rBV	1843422	2754524	48.20%	4.181%
43	14.116	1879	1892	1911	rBV	2119252	3461231	60.56%	5.253%
44	14.345	1928	1931	1937	rVB3	5967	9685	0.17%	0.015%
45	14.428	1937	1945	1952	rBV	1775449	2621928	45.88%	3.980%
46	14.628	1973	1979	1996	rBV	598084	1239747	21.69%	1.882%
47	14.845	2013	2016	2023	rVB9	17609	26053	0.46%	0.040%
48	14.986	2033	2040	2057	rBV	169949	635914	11.13%	0.965%
49	15.251	2081	2085	2090	rVB6	16434	25088	0.44%	0.038%
50	15.433	2109	2116	2129	rBV	2683705	4022599	70.39%	6.106%
51	15.545	2129	2135	2143	rBV	568574	792834	13.87%	1.203%
52	15.675	2154	2157	2164	rVB6	14006	21043	0.37%	0.032%
53	15.810	2178	2180	2185	rVB6	6706	8231	0.14%	0.012%
54	16.298	2259	2263	2268	rBV2	15857	22863	0.40%	0.035%
55	16.363	2270	2274	2278	rVV5	22715	35756	0.63%	0.054%
56	16.422	2282	2284	2288	rVB3	17071	19678	0.34%	0.030%
57	16.469	2288	2292	2295	rBV5	14769	17734	0.31%	0.027%
58	16.622	2315	2318	2326	rVB6	16622	29079	0.51%	0.044%
59	16.698	2327	2331	2334	rBV2	20045	27709	0.48%	0.042%
60	17.227	2414	2421	2431	rBV	1837189	2741732	47.97%	4.161%
61	17.333	2432	2439	2450	rVV2	2466909	3983244	69.70%	6.046%
62	17.421	2451	2454	2461	rVB8	30352	49777	0.87%	0.076%
63	18.163	2576	2580	2589	rBV	241529	385194	6.74%	0.585%
64	19.492	2802	2806	2810	rBV2	92506	135434	2.37%	0.206%
65	19.692	2834	2840	2849	rBV2	3176795	4726901	82.71%	7.175%
66	21.351	3119	3122	3132	rVB2	219468	318286	5.57%	0.483%
67	21.668	3171	3176	3183	rVB2	2127665	3176608	55.58%	4.821%
68	24.827	3704	3713	3724	rVB	2216793	5715004	100.00%	8.674%
69	25.062	3745	3753	3766	rVB	1364429	3852773	67.42%	5.848%

Sum of corrected areas: 65884327

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083024\
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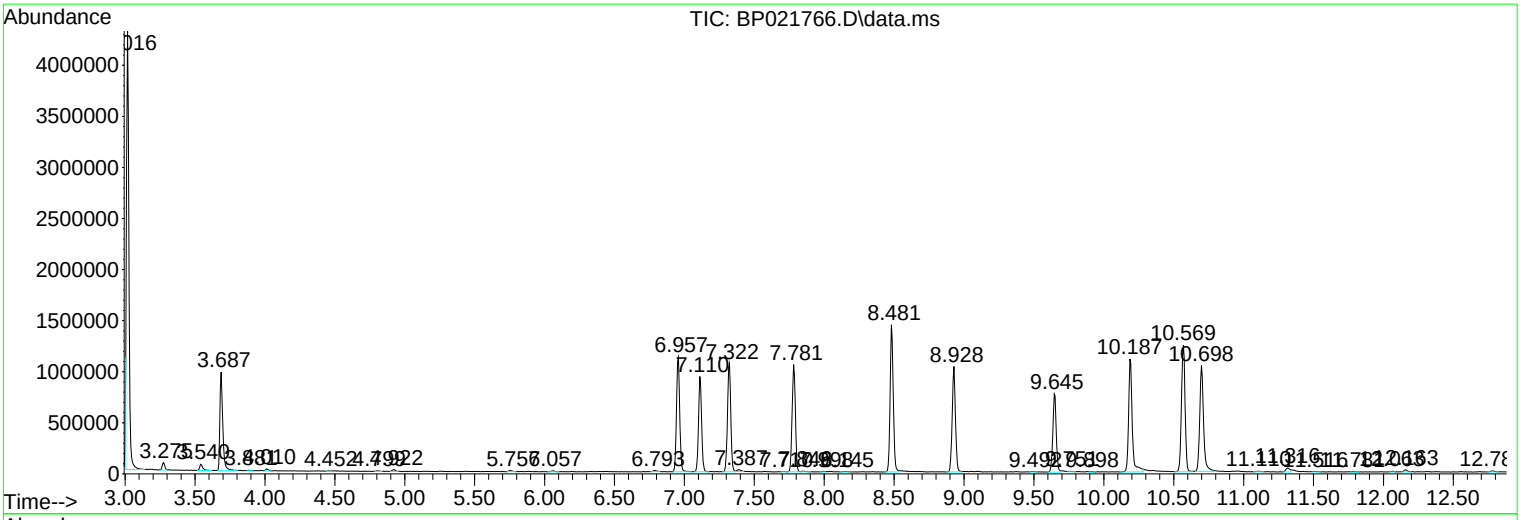
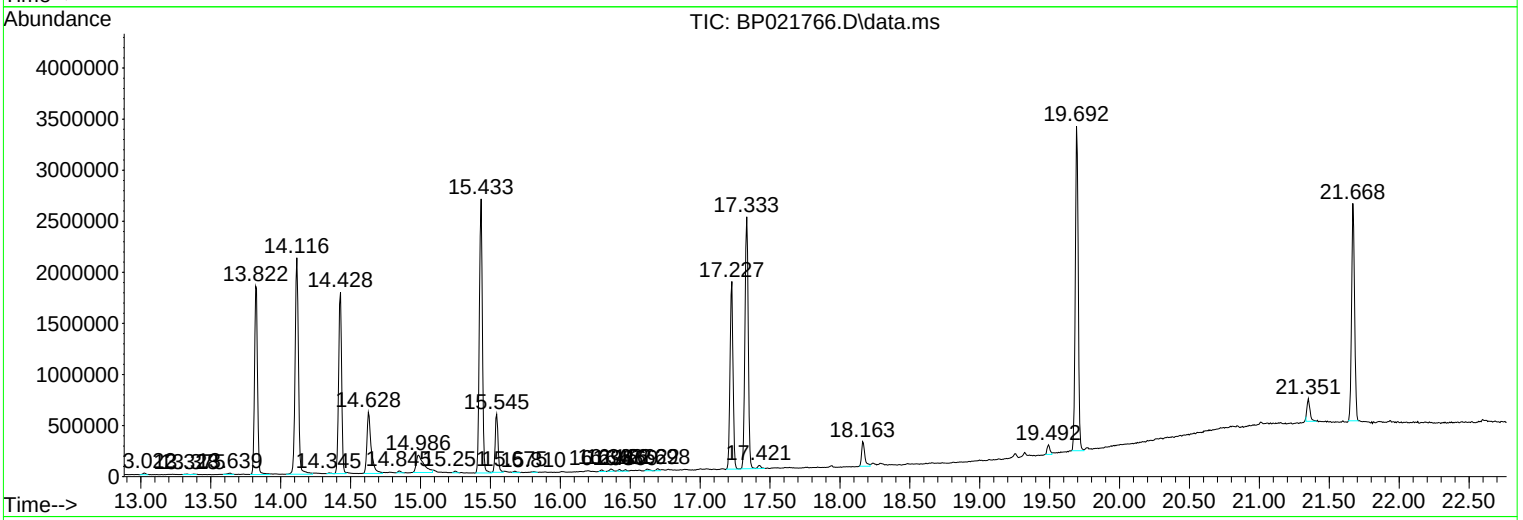
Sample : P3733-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

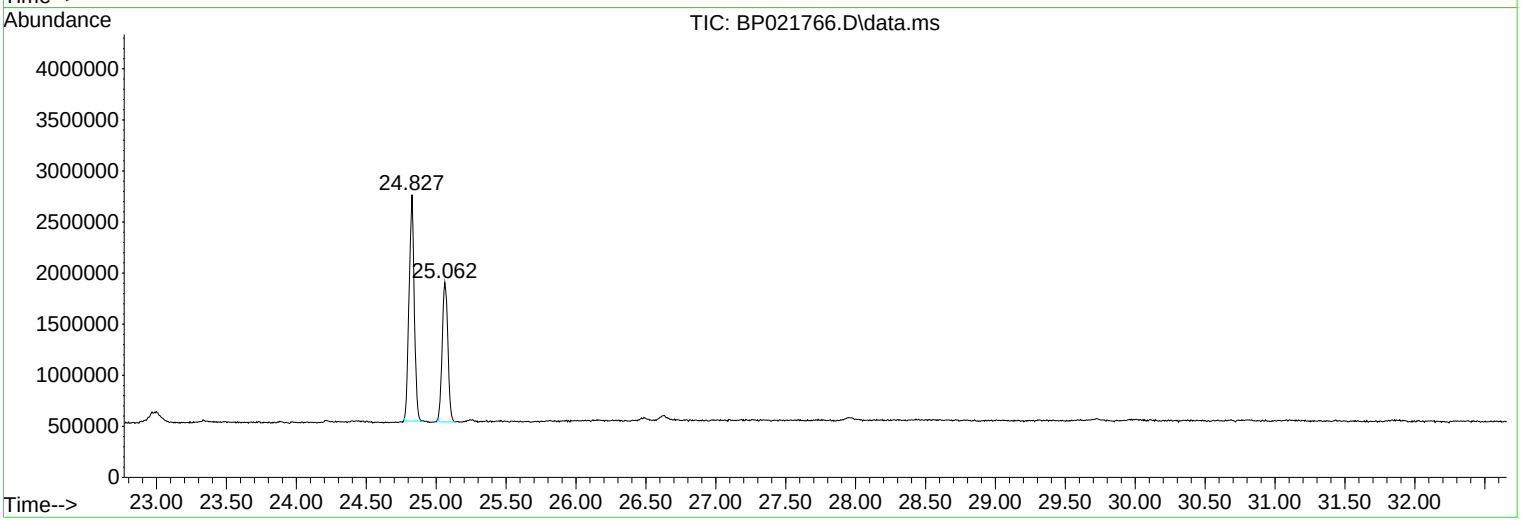
Instrument :
BNA_P
ClientSampleId :
A44A0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.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\BP083024\
Data File : BP021766.D
Acq On : 31 Aug 2024 00:15
Operator : RC/JU
Sample : P3733-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44A0

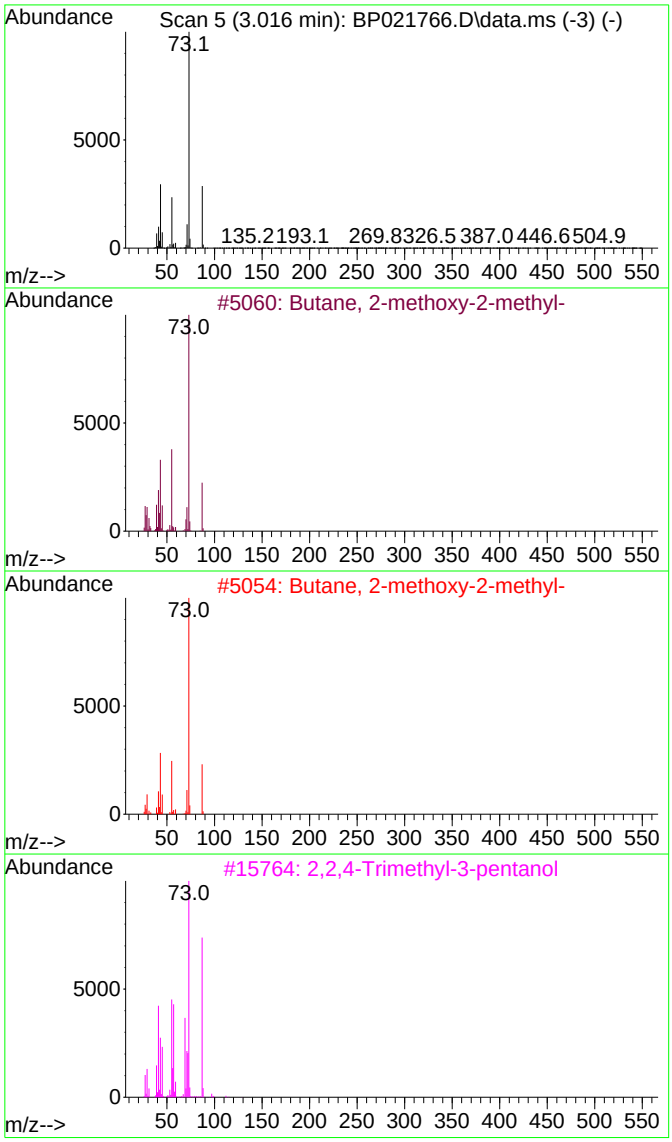
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

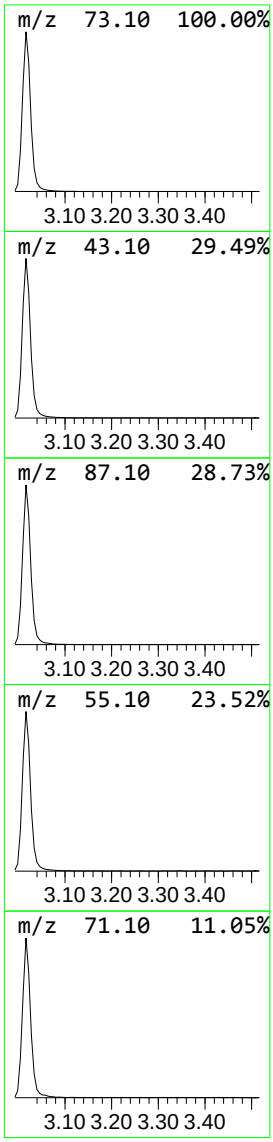
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.016	57.02 ng/ul	4833600	1,4-Dichlorobenzene-d4	7.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	80
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083024\
Data File : BP021766.D
Acq On : 31 Aug 2024 00:15
Operator : RC/JU
Sample : P3733-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44A0

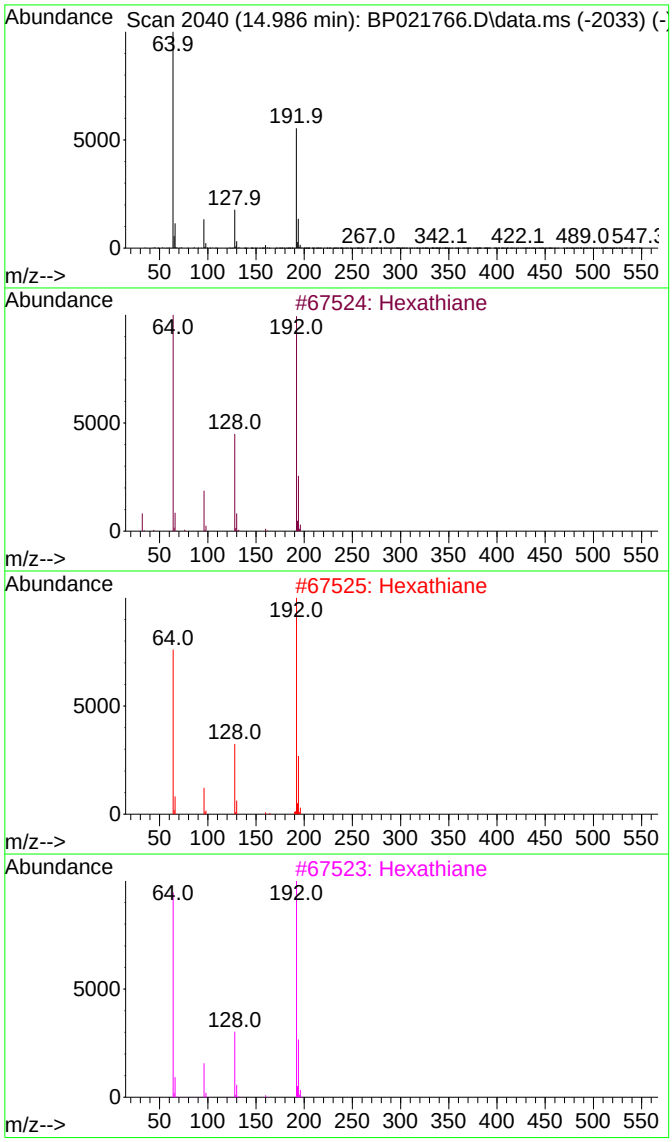
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

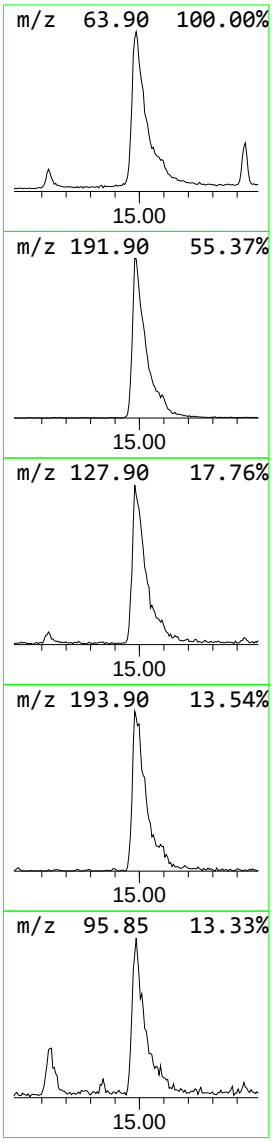
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Hexathiane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.986	4.85 ng/ul	635914	Acenaphthene-d10	14.428

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexathiane	192	S6	013798-23-7	94
2	Hexathiane	192	S6	013798-23-7	91
3	Hexathiane	192	S6	013798-23-7	91
4	Di(tert-butyl) trisulfide, perfl...	534	C8F18S3	016005-64-4	9
5	2-Chloro-7-methoxynaphthalene	192	C11H9ClO	067061-67-0	4





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083024\
Data File : BP021766.D
Acq On : 31 Aug 2024 00:15
Operator : RC/JU
Sample : P3733-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44A0

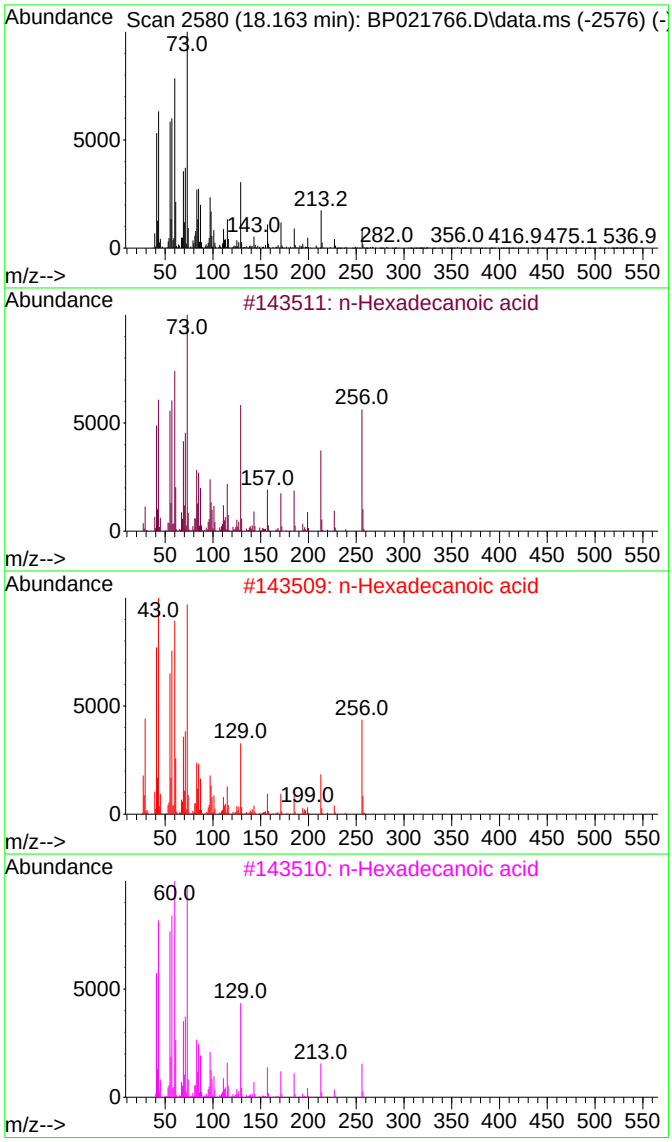
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

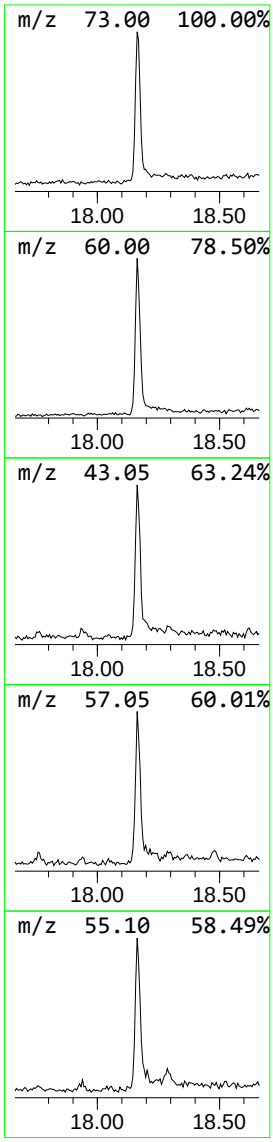
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	2.81 ng/ul	385194	Phenanthrene-d10	17.227

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44A0

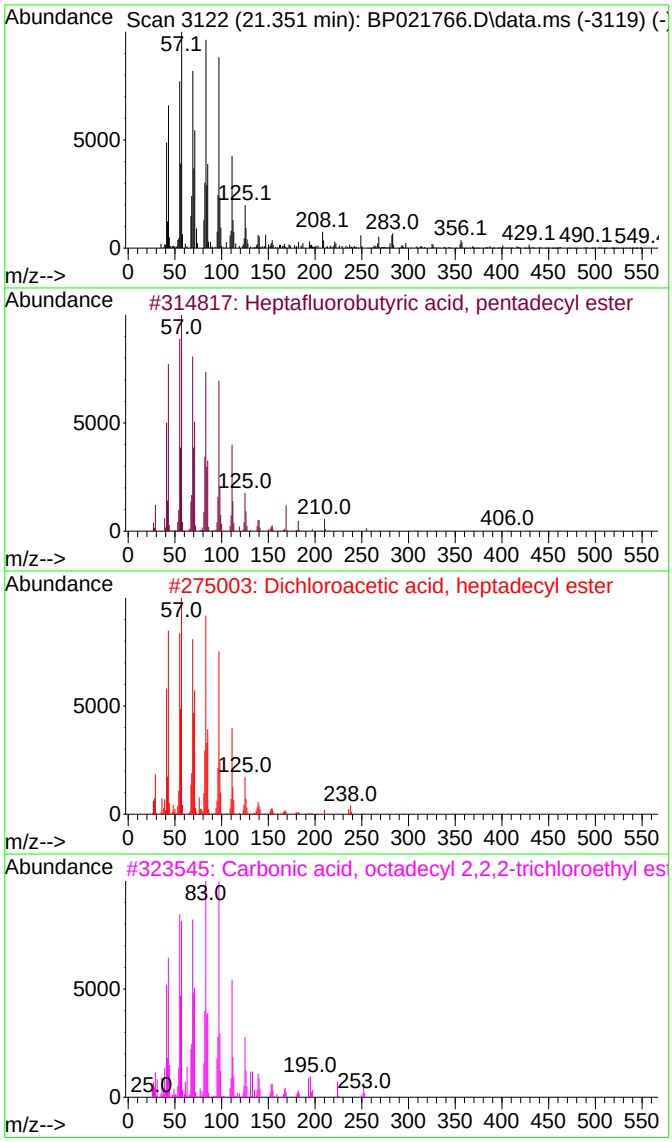
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION

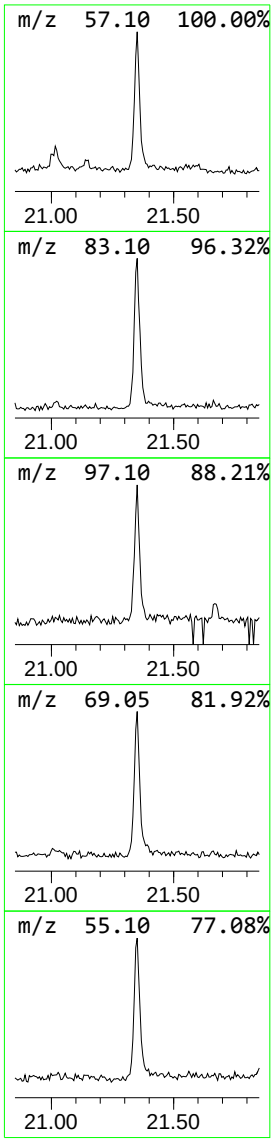
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptafluorobutyric acid, pe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.351	2.00 ng/ul	318286	Chrysene-d12	21.668

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
3	Carbonic acid, octadecyl 2,2,2-t...	444	C21H39Cl3O3	1000314-56-3	94
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083024\
Data File : BP021766.D
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Sample : P3733-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A44A0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.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
Butane, 2-metho...	3.016	57.0	ng/ul	4833600	1	7.781	1695500	20.0
Hexathiane	14.986	4.8	ng/ul	635914	3	14.428	2621930	20.0
n-Hexadecanoic ...	18.163	2.8	ng/ul	385194	4	17.227	2741730	20.0
Heptafluorobuty...	21.351	2.0	ng/ul	318286	5	21.668	3176610	20.0