LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100522\
Data File : BP011966.D
Acq On : 06 Oct 2022 12:46
Operator : CG/JU
Sample : N4956-08
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : CB8S9

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-BP093022.M
Title : SVOA CALIBRATION

Signal : TIC: BP011966.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.028	3	7	14	rBV	4397204	5274073	70.80%	8.181%
2	3.299	49	53	58	rBV	41522	51875	0.70%	0.080%
3	3.581	99	101	111	rVB	13912	25326	0.34%	0.039%
4	3.734	124	127	130	rBV2	65782	85790	1.15%	0.133%
5	3.775	130	134	139	rVV	113304	160741	2.16%	0.249%
6	3.823	139	142	148	rVB	43057	59589	0.80%	0.092%
7	3.946	159	163	169	rVB	26056	37967	0.51%	0.059%
8	4.046	176	180	185	rVB	21015	30216	0.41%	0.047%
9	4.270	214	218	226	rVB	53082	73913	0.99%	0.115%
10	4.605	271	275	280	rVV	22389	29571	0.40%	0.046%
11	4.687	284	289	296	rBV	28590	42715	0.57%	0.066%
12	5.075	351	355	362	rBV2	8992	17876	0.24%	0.028%
13	5.152	366	368	373	rVB5	6590	9500	0.13%	0.015%
14	7.046	684	690	700	rVB	151900	265116	3.56%	0.411%
15	7.211	711	718	729	rBV	688980	1108440	14.88%	1.719%
16	7.411	745	752	765	rBV	650221	1089281	14.62%	1.690%
17	7.875	824	831	841	rBV	826040	1383436	18.57%	2.146%
18	8.593	944	953	966	rBV	467691	830166	11.14%	1.288%
19	8.710	970	973	978	rVB6	4308	7625	0.10%	0.012%
20	9.046	1022	1030	1043	rBV	743942	1249203	16.77%	1.938%
21	9.163	1046	1050	1054	rVB6	5084	8508	0.11%	0.013%
22	9.452	1094	1099	1103	rBV2	12235	17131	0.23%	0.027%
23	9.769	1146	1153	1174	rBV	562023	983570	13.20%	1.526%
24	9.928	1174	1180	1185	rBV4	6829	11257	0.15%	0.017%
25	10.310	1236	1245	1266	rBV	839108	1621837	21.77%	2.516%
26	10.487	1273	1275	1281	rVB7	4887	8367	0.11%	0.013%
27	10.687	1300	1309	1323	rBV	1157180	1985409	26.65%	3.080%
28	10.834	1326	1334	1348	rBV	202486	453056	6.08%	0.703%
29	10.975	1356	1358	1369	rVB10	6035	11751	0.16%	0.018%
30	11.504	1442	1448	1453	rBV10	6050	15830	0.21%	0.025%
31	11.952	1517	1524	1529	rVB10	3637	7966	0.11%	0.012%
32	12.275	1573	1579	1584	rBV	18854	31437	0.42%	0.049%
33	12.481	1609	1614	1618	rBV8	3919	7898	0.11%	0.012%
34	12.881	1678	1682	1690	rBV4	7966	16022	0.22%	0.025%
35	13.134	1719	1725	1730	rVB6	10226	16645	0.22%	0.026%
36	13.422	1768	1774	1779	rBV3	18116	29070	0.39%	0.045%

LSC Area Percent Report

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Instrument :
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ClientSampleId :
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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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Title : SVOA CALIBRATION

37	13.493	1782	1786	1790	rBV6	5185	8892	0.12%	0.014%
38	13.563	1793	1798	1801	rVV3	6722	8291	0.11%	0.013%
39	13.740	1823	1828	1832	rVB7	8977	16281	0.22%	0.025%
40	13.940	1855	1862	1872	rBV	1748734	2602430	34.94%	4.037%
41	14.216	1903	1909	1924	rVV	2053020	3196579	42.91%	4.959%
42	14.422	1940	1944	1952	rVB10	5159	10207	0.14%	0.016%
43	14.528	1955	1962	1973	rBV	1735625	2688865	36.10%	4.171%
44	14.740	1993	1998	2013	rBV	80050	218912	2.94%	0.340%
45	14.887	2020	2023	2027	rBV6	11568	18916	0.25%	0.029%
46	14.940	2030	2032	2041	rVB10	11817	24574	0.33%	0.038%
47	15.157	2066	2069	2072	rBV5	5320	7564	0.10%	0.012%
48	15.322	2094	2097	2099	rBV	7140	9980	0.13%	0.015%
49	15.522	2124	2131	2145	rBV	3076794	4466238	59.96%	6.928%
50	15.640	2145	2151	2160	rBV	782421	1142061	15.33%	1.772%
51	16.310	2261	2265	2268	rBV	15688	21692	0.29%	0.034%
52	17.045	2386	2390	2393	rBV4	26147	38101	0.51%	0.059%
53	17.281	2424	2430	2435	rBV	2174942	3269823	43.90%	5.072%
54	17.322	2435	2437	2441	rVV	496627	565718	7.59%	0.878%
55	17.381	2441	2447	2455	rVB2	3502873	5049063	67.78%	7.832%
56	17.504	2464	2468	2473	rBV	77308	112631	1.51%	0.175%
57	17.645	2488	2492	2502	rBV3	181397	334349	4.49%	0.519%
58	17.951	2540	2544	2548	rBV	242068	295821	3.97%	0.459%
59	17.986	2548	2550	2555	rVV	34745	47959	0.64%	0.074%
60	18.163	2576	2580	2589	rBV	282053	512705	6.88%	0.795%
61	18.804	2687	2689	2693	rVB	108497	113097	1.52%	0.175%
62	19.210	2755	2758	2762	rVB2	235822	293977	3.95%	0.456%
63	19.398	2788	2790	2793	rBV2	103454	101693	1.37%	0.158%
64	19.616	2822	2827	2838	rVB	4777254	6446134	86.54%	9.999%
65	21.075	3072	3075	3084	rVB	647823	1109384	14.89%	1.721%
66	21.369	3121	3125	3130	rBV	2941139	3482997	46.76%	5.403%
67	23.645	3506	3512	3530	rVB2	3335431	7449024	100.00%	11.555%
68	23.798	3533	3538	3546	rVB2	1873777	3743656	50.26%	5.807%

Sum of corrected areas: 64465787

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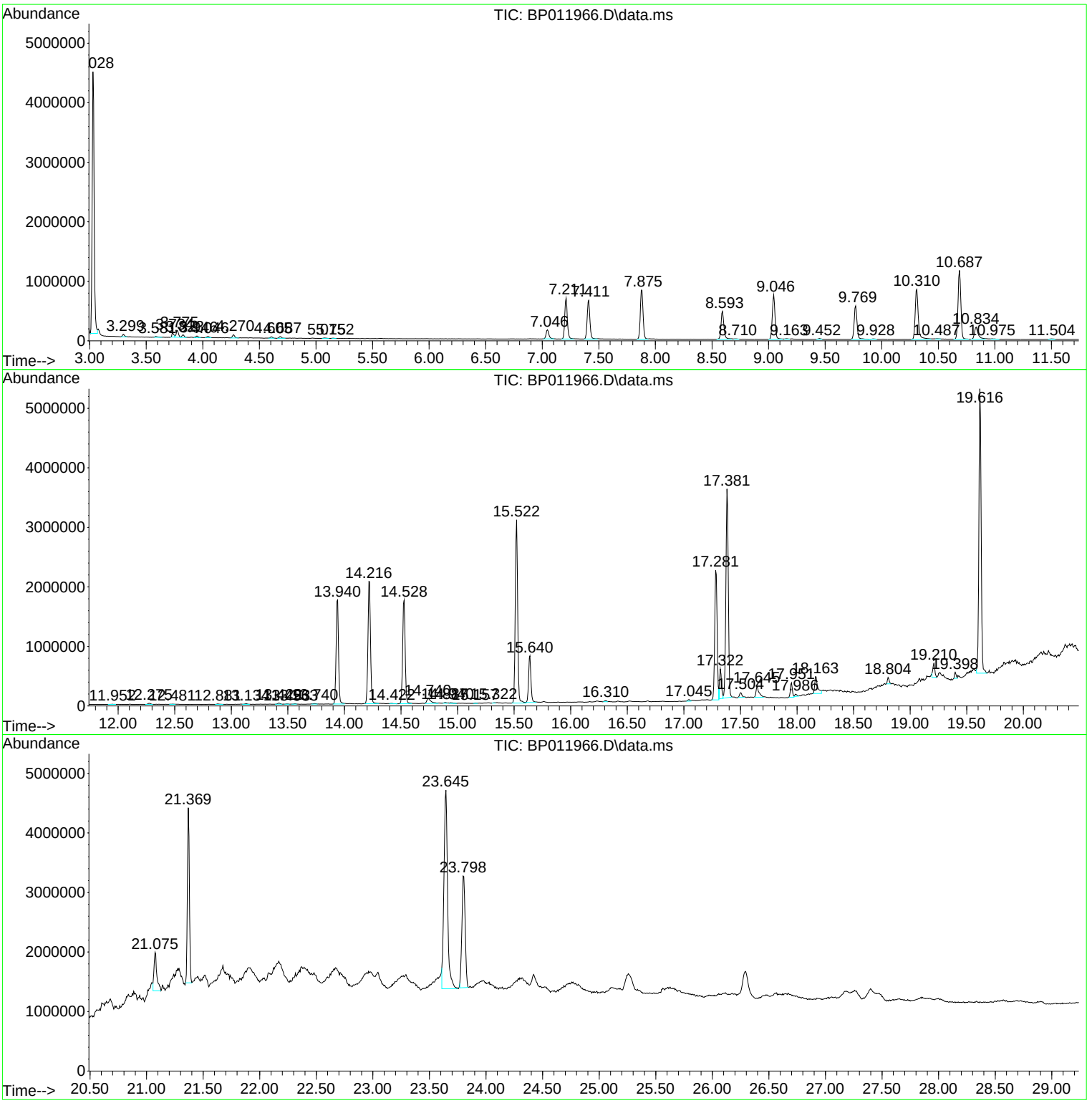
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8S9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

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



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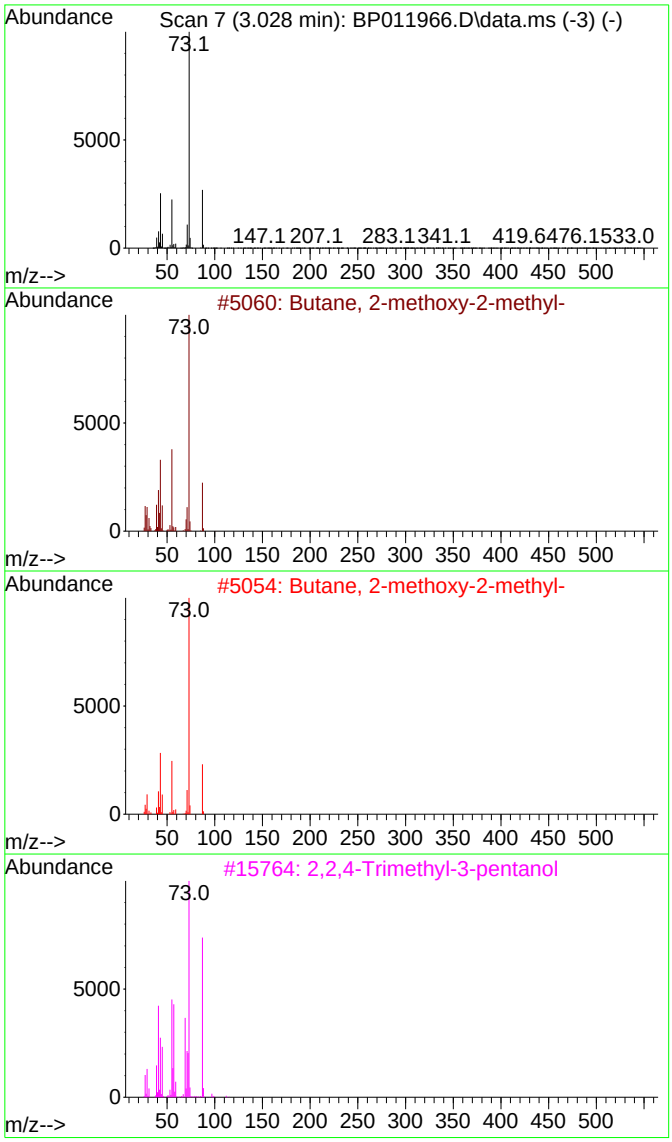
Quant Title : SVOA CALIBRATION

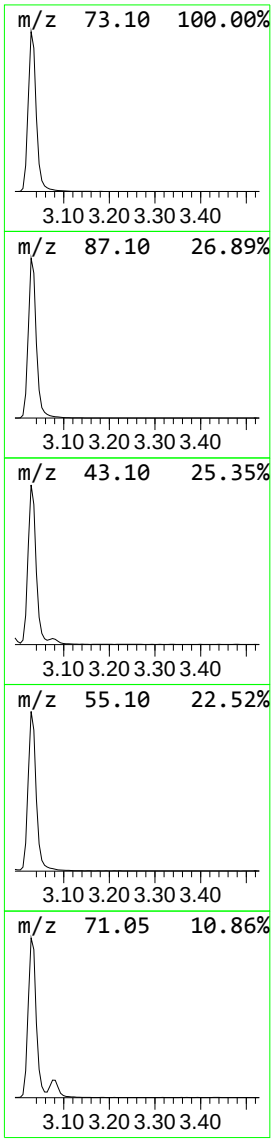
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.028	76.25 ng/ul	5274070	1,4-Dichlorobenzene-d4	7.881

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	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





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Instrument :
BNA_P
ClientSampleId :
CB8S9

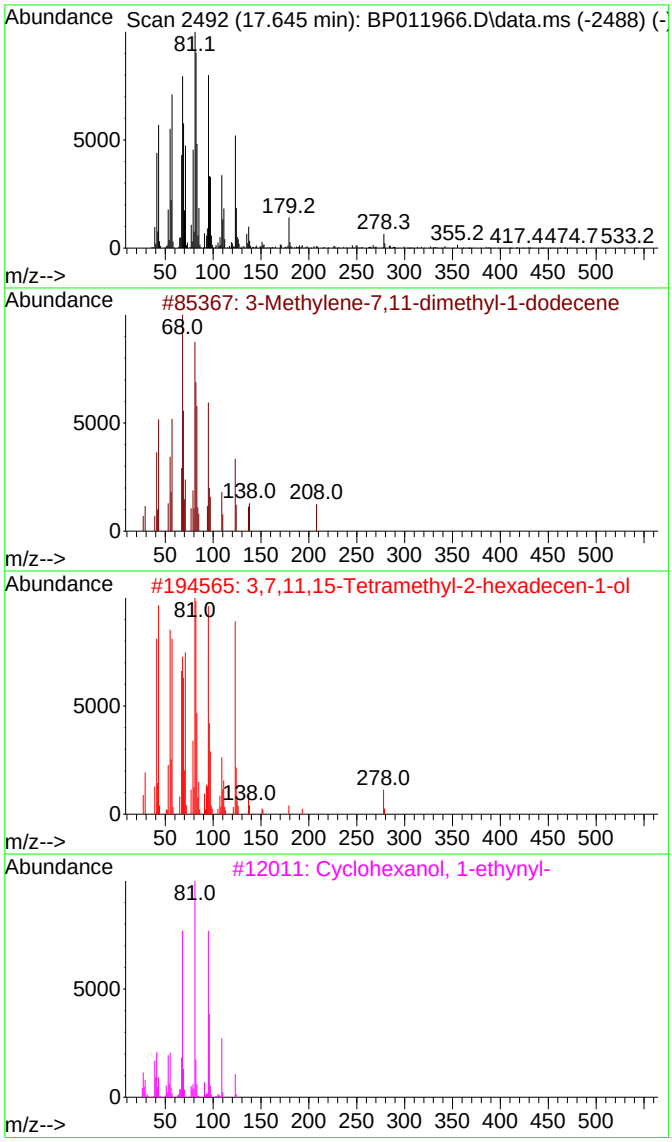
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

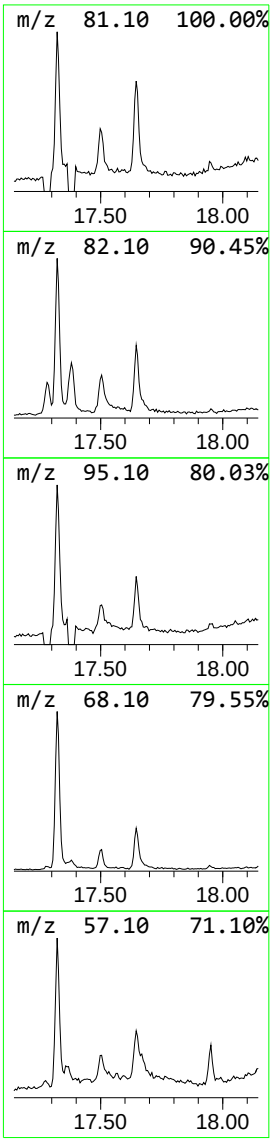
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 3-Methylene-7,11-dimethyl-1... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.645	2.05 ng/ul	334349	Phenanthrene-d10	17.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylene-7,11-dimethyl-1-dode...	208	C15H28	1000432-21-6	81
2	3,7,11,15-Tetramethyl-2-hexadece...	296	C20H40O	102608-53-7	55
3	Cyclohexanol, 1-ethynyl-	124	C8H12O	000078-27-3	47
4	Cyclopentane, 1-methyl-1-(2-meth...	138	C10H18	074764-47-9	43
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	41





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ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8S9

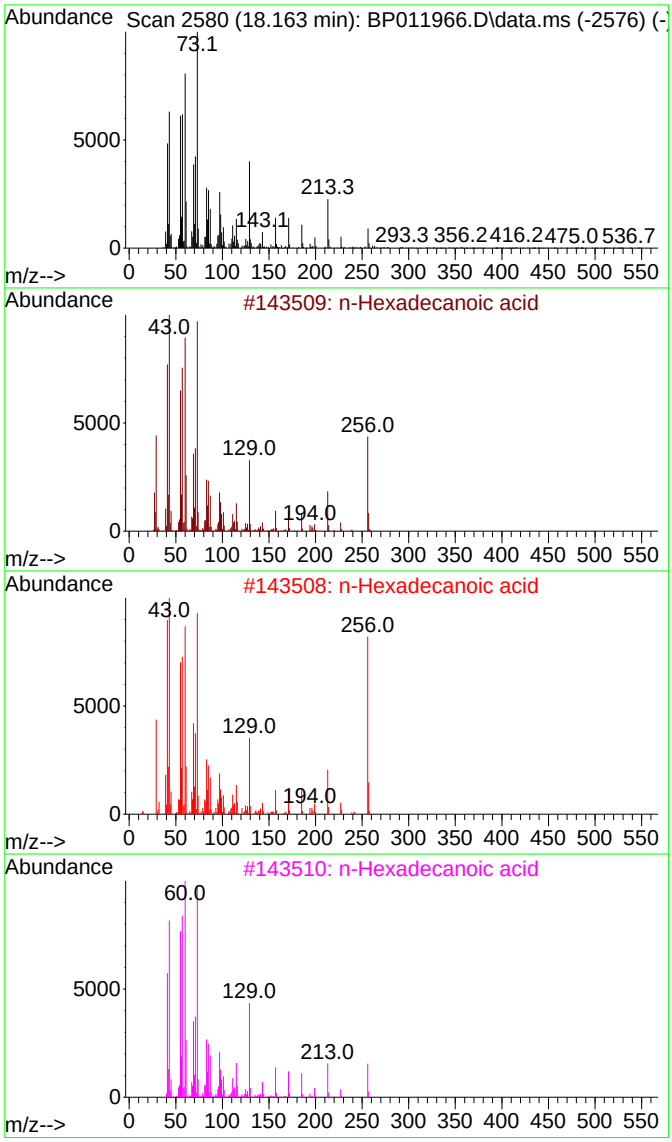
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

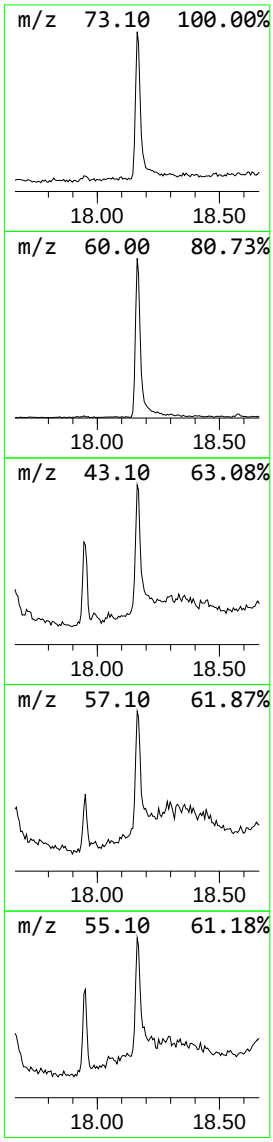
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	3.14 ng/ul	512705	Phenanthrene-d10	17.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	95





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Sample : N4956-08
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8S9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

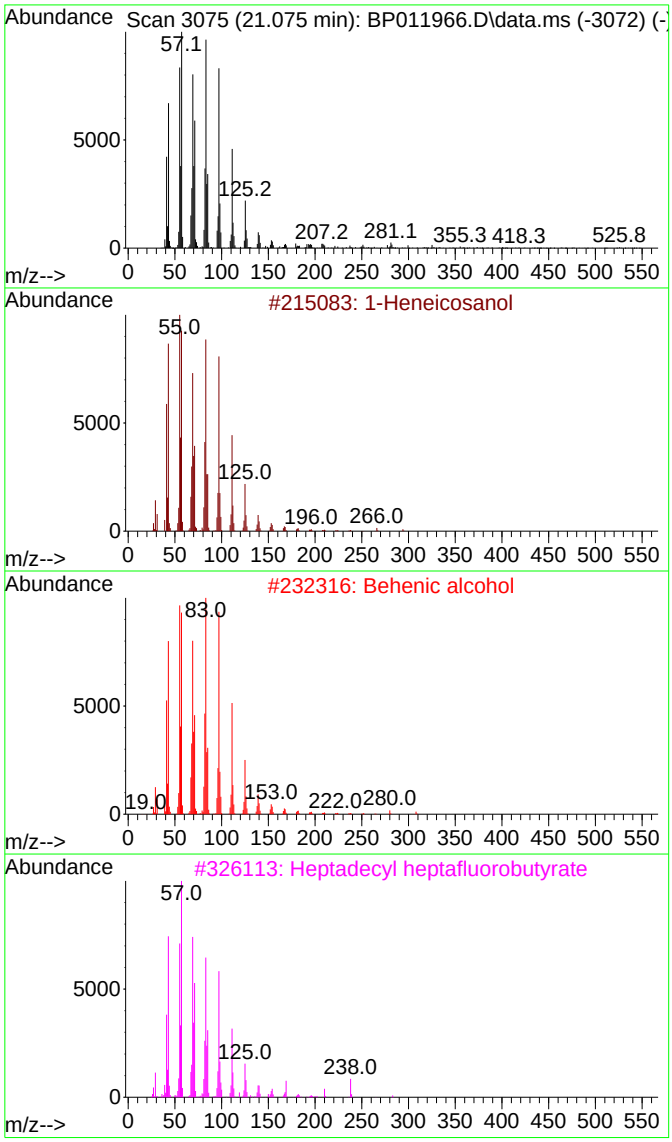
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

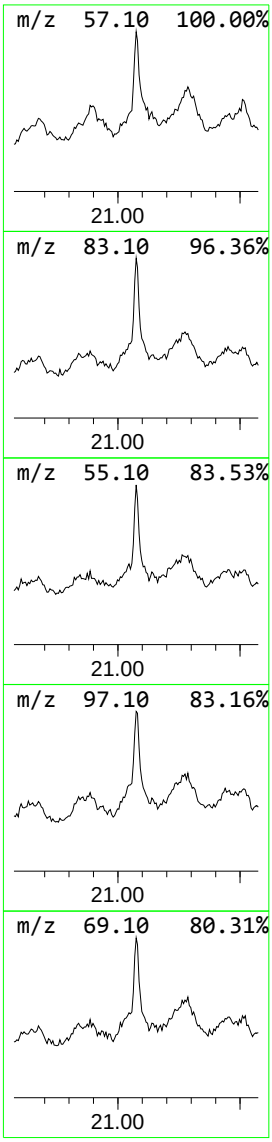
****

Peak Number 4 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.075	6.37 ng/ul	1109380	Chrysene-d12	21.369

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
4	1-Hexacosene	364	C26H52	018835-33-1	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.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...	3.028	76.3	ng/ul	5274070	1	7.881	1383440	20.0
3-Methylene-7,1...	17.645	2.0	ng/ul	334349	4	17.281	3269820	20.0
n-Hexadecanoic ...	18.163	3.1	ng/ul	512705	4	17.281	3269820	20.0
1-Heneicosanol	21.075	6.4	ng/ul	1109380	5	21.369	3483000	20.0