LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020744.D
Acq On : 02 Jul 2024 10:09
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4CR0

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-BP062524.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP020744.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.270	45	48	53	rVB	39204	47678	1.41%	0.097%
2	3.546	92	95	105	rVB	22319	35792	1.06%	0.073%
3	3.687	114	119	120	rBV	34331	38084	1.13%	0.077%
4	3.781	131	135	141	rVB	145101	187069	5.54%	0.380%
5	3.852	144	147	152	rVB	21123	26552	0.79%	0.054%
6	3.999	167	172	176	rVB	16953	26618	0.79%	0.054%
7	4.417	239	243	251	rVB4	6603	13706	0.41%	0.028%
8	4.499	252	257	260	rBV2	13474	20606	0.61%	0.042%
9	4.540	260	264	269	rVV	64682	88120	2.61%	0.179%
10	4.593	269	273	279	rVB	13506	20768	0.62%	0.042%
11	4.693	286	290	294	rBV5	6621	10778	0.32%	0.022%
12	4.787	302	306	314	rVB10	8401	16614	0.49%	0.034%
13	4.893	318	324	335	rVB	128204	189133	5.60%	0.384%
14	4.993	337	341	349	rVB	20678	33735	1.00%	0.069%
15	6.775	639	644	651	rVB6	6557	14101	0.42%	0.029%
16	6.916	661	668	681	rBV	673364	1136521	33.67%	2.309%
17	7.087	689	697	708	rBV	591054	933187	27.65%	1.896%
18	7.275	722	729	738	rBV	736812	1212567	35.92%	2.463%
19	7.358	738	743	751	rVB6	10287	22352	0.66%	0.045%
20	7.740	799	808	816	rBV	774281	1241271	36.77%	2.522%
21	8.440	919	927	942	rBV	640732	1119390	33.16%	2.274%
22	8.558	942	947	954	rVB	32511	53594	1.59%	0.109%
23	8.893	995	1004	1016	rBV	690174	1148921	34.04%	2.334%
24	9.040	1026	1029	1040	rVB10	6473	12063	0.36%	0.025%
25	9.275	1062	1069	1073	rBV4	8119	14182	0.42%	0.029%
26	9.440	1092	1097	1104	rBV3	13057	19693	0.58%	0.040%
27	9.599	1115	1124	1138	rBV	545667	973450	28.84%	1.977%
28	10.134	1207	1215	1227	rBV	789726	1413990	41.89%	2.872%
29	10.505	1268	1278	1286	rBV	908815	1632113	48.35%	3.315%
30	10.557	1286	1287	1293	rVV2	15189	16272	0.48%	0.033%
31	10.657	1297	1304	1319	rVV	102417	231400	6.86%	0.470%
32	11.046	1363	1370	1379	rBV	10887	29801	0.88%	0.061%
33	11.246	1396	1404	1411	rBV2	26955	65501	1.94%	0.133%
34	12.104	1542	1550	1556	rVB2	15074	27738	0.82%	0.056%
35	12.169	1556	1561	1568	rBV	10924	15557	0.46%	0.032%
36	12.404	1594	1601	1606	rVB2	6770	13991	0.41%	0.028%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
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Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR0

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-BP062524.MA.M
Title : SVOA CALIBRATION

37	13.181	1724	1733	1743	rBV9	8919	21034	0.62%	0.043%
38	13.316	1749	1756	1764	rVB10	5028	14488	0.43%	0.029%
39	13.546	1788	1795	1800	rBV10	7591	17767	0.53%	0.036%
40	13.675	1808	1817	1823	rBV7	9949	21045	0.62%	0.043%
41	13.775	1823	1834	1850	rVV	1144301	2015057	59.70%	4.093%
42	14.051	1873	1881	1900	rBV	1534305	2417916	71.63%	4.912%
43	14.369	1928	1935	1942	rBV	1226125	1925974	57.06%	3.912%
44	14.434	1942	1946	1953	rVB	36986	59559	1.76%	0.121%
45	14.598	1965	1974	1986	rBV	377672	802884	23.79%	1.631%
46	14.687	1988	1989	1993	rVV4	14255	14694	0.44%	0.030%
47	14.745	1995	1999	2001	rVV5	16899	25051	0.74%	0.051%
48	14.781	2001	2005	2014	rVB2	25348	61878	1.83%	0.126%
49	15.051	2047	2051	2055	rVB7	7202	11059	0.33%	0.022%
50	15.175	2068	2072	2075	rBV2	9440	14044	0.42%	0.029%
51	15.240	2080	2083	2090	rVB5	6918	11169	0.33%	0.023%
52	15.381	2100	2107	2113	rBV	1939437	2828990	83.81%	5.747%
53	15.440	2113	2117	2122	rVV2	55466	85945	2.55%	0.175%
54	15.510	2123	2129	2142	rVB	450817	715418	21.19%	1.453%
55	15.628	2142	2149	2152	rBV6	7970	18741	0.56%	0.038%
56	15.745	2163	2169	2178	rBV3	18340	38070	1.13%	0.077%
57	15.887	2190	2193	2200	rVB3	15017	29134	0.86%	0.059%
58	15.963	2200	2206	2212	rBV10	8173	18862	0.56%	0.038%
59	16.128	2230	2234	2240	rBV4	17528	29167	0.86%	0.059%
60	16.469	2282	2292	2296	rBV5	16593	40750	1.21%	0.083%
61	16.575	2306	2310	2315	rBV7	14517	21536	0.64%	0.044%
62	16.716	2328	2334	2337	rBV4	15383	30294	0.90%	0.062%
63	16.828	2350	2353	2361	rVB3	25436	40362	1.20%	0.082%
64	16.992	2377	2381	2388	rVB2	36963	57104	1.69%	0.116%
65	17.104	2397	2400	2406	rVB7	10622	16275	0.48%	0.033%
66	17.181	2407	2413	2417	rBV	1379736	2103757	62.32%	4.274%
67	17.222	2417	2420	2425	rVB	519491	776258	23.00%	1.577%
68	17.287	2425	2431	2436	rBV2	1807457	2737488	81.10%	5.561%
69	17.369	2443	2445	2452	rVB7	14086	22476	0.67%	0.046%
70	17.598	2480	2484	2498	rVB2	41063	84611	2.51%	0.172%
71	17.886	2530	2533	2537	rBV6	12684	18107	0.54%	0.037%
72	18.116	2562	2572	2582	rBV2	318791	729070	21.60%	1.481%
73	18.228	2588	2591	2596	rVB	27025	39254	1.16%	0.080%
74	18.298	2597	2603	2606	rBV2	104328	195205	5.78%	0.397%
75	18.328	2606	2608	2614	rVB	46962	60307	1.79%	0.123%
76	18.581	2648	2651	2654	rBV4	32750	47901	1.42%	0.097%

LSC Area Percent Report

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Acq On : 02 Jul 2024 10:09
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR0

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-BP062524.MA.M
Title : SVOA CALIBRATION

77	18.616	2654	2657	2661	rVV	57600	74346	2.20%	0.151%
78	18.657	2661	2664	2669	rVB	52442	66583	1.97%	0.135%
79	18.710	2669	2673	2676	rBV5	24931	34345	1.02%	0.070%
80	18.863	2697	2699	2705	rVB5	22175	27145	0.80%	0.055%
81	19.045	2726	2730	2735	rBV2	53041	90501	2.68%	0.184%
82	19.092	2735	2738	2743	rBV4	28776	58791	1.74%	0.119%
83	19.186	2752	2754	2755	rBV2	27033	20755	0.61%	0.042%
84	19.322	2771	2777	2783	rVB	988947	1434506	42.50%	2.914%
85	19.463	2797	2801	2808	rBV4	171784	241658	7.16%	0.491%
86	19.669	2830	2836	2839	rBV	2248487	3375520	100.00%	6.857%
87	19.698	2839	2841	2846	rVB	684099	812689	24.08%	1.651%
88	19.775	2851	2854	2861	rVB2	36869	64949	1.92%	0.132%
89	20.039	2895	2899	2905	rVB3	60857	128710	3.81%	0.261%
90	20.222	2927	2930	2933	rVB	116148	120493	3.57%	0.245%
91	20.322	2944	2947	2951	rBV	93419	115448	3.42%	0.235%
92	21.304	3109	3114	3120	rBV2	479677	820457	24.31%	1.667%
93	21.627	3162	3169	3175	rBV3	1512496	3238099	95.93%	6.578%
94	21.686	3175	3179	3189	rVB	413774	729736	21.62%	1.482%
95	22.527	3318	3322	3324	rBV	182114	276045	8.18%	0.561%
96	23.921	3554	3559	3568	rBV2	254735	755979	22.40%	1.536%
97	24.133	3588	3595	3602	rVB	752749	1460926	43.28%	2.968%
98	24.763	3694	3702	3709	rBV	920212	2142892	63.48%	4.353%
99	24.986	3733	3740	3754	rVB	1004369	2605235	77.18%	5.292%
100	26.327	3964	3968	3969	rBV2	156859	209794	6.22%	0.426%

Sum of corrected areas: 49227211

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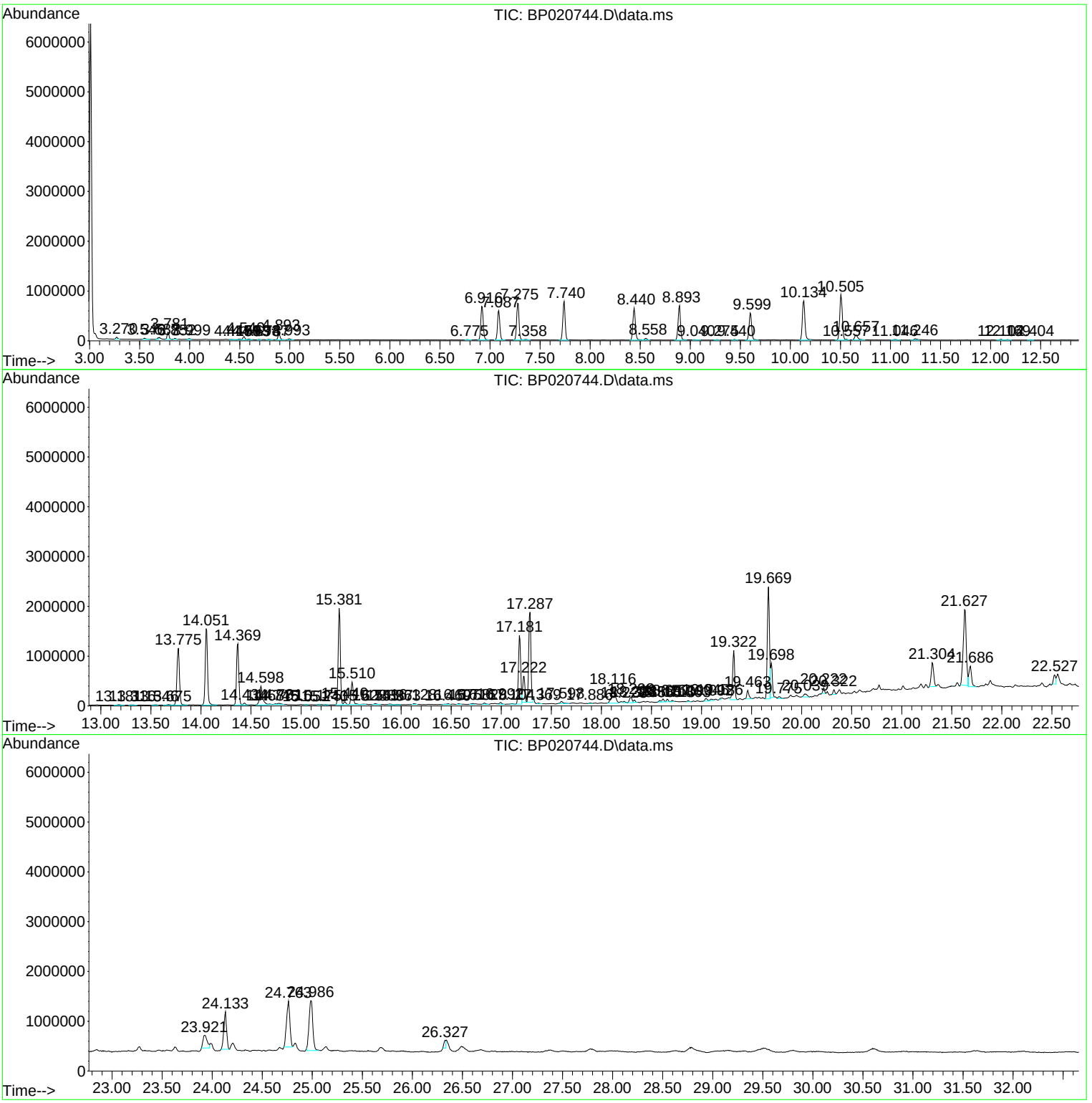
Sample : P2963-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.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\BP070124\
Data File : BP020744.D
Acq On : 02 Jul 2024 10:09
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

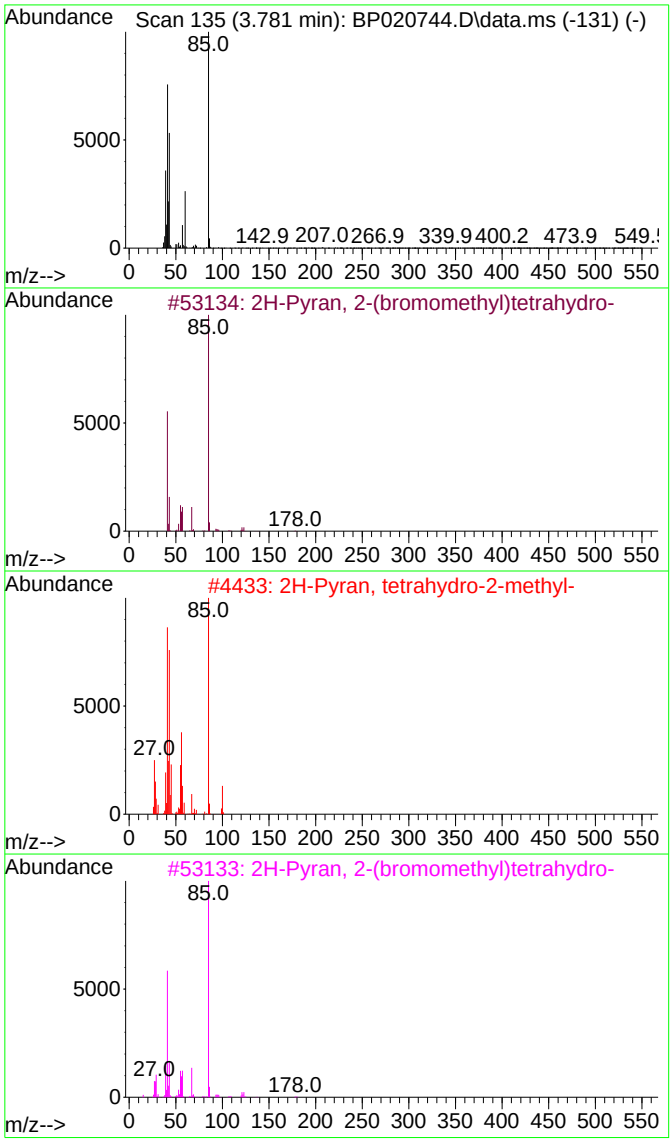
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

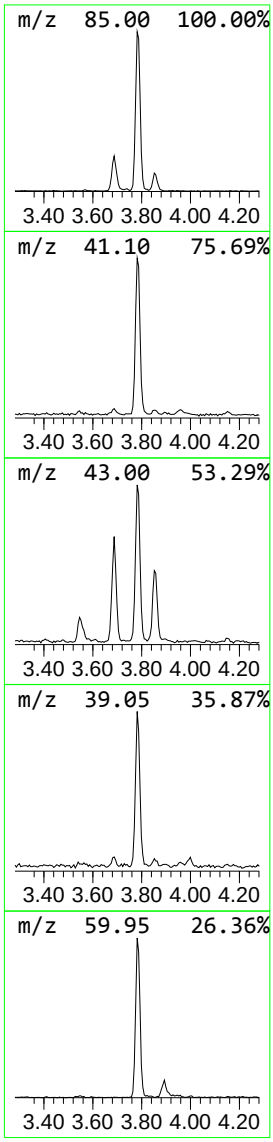
****

Peak Number 1 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.781	3.01 ng/ul	187069	1,4-Dichlorobenzene-d4	7.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	42
2	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38
3	2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	38
4	Hexane, 2-bromo-	164	C6H13Br	003377-86-4	36
5	Oxirane, (2-methylpropyl)-	100	C6H12O	023850-78-4	36





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020744.D
Acq On : 02 Jul 2024 10:09
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR0

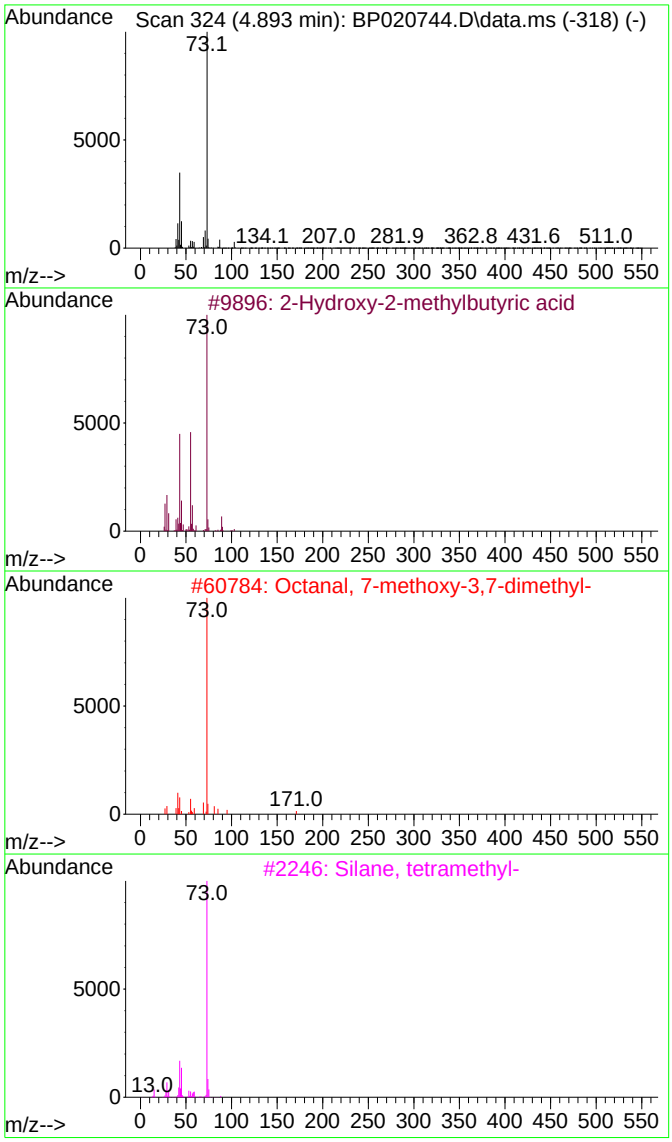
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

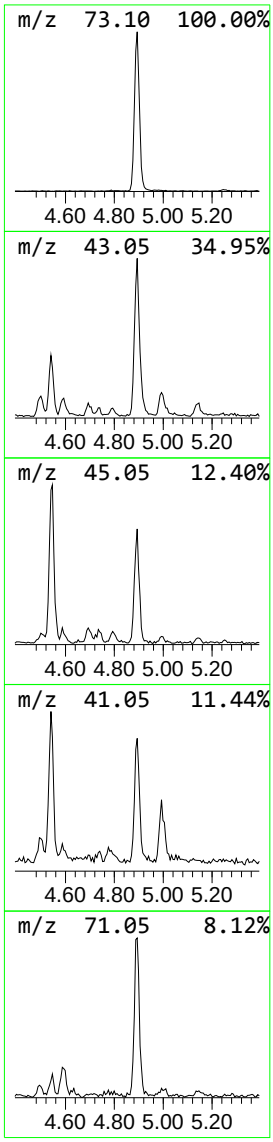
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.893	3.05 ng/ul	189133	1,4-Dichlorobenzene-d4	7.740

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	28
2	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	28
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	25
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	25
5	1,3-Dioxolane, 2-(6-heptynyl)-	168	C10H16O2	025595-82-8	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020744.D
Acq On : 02 Jul 2024 10:09
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Sample : P2963-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR0

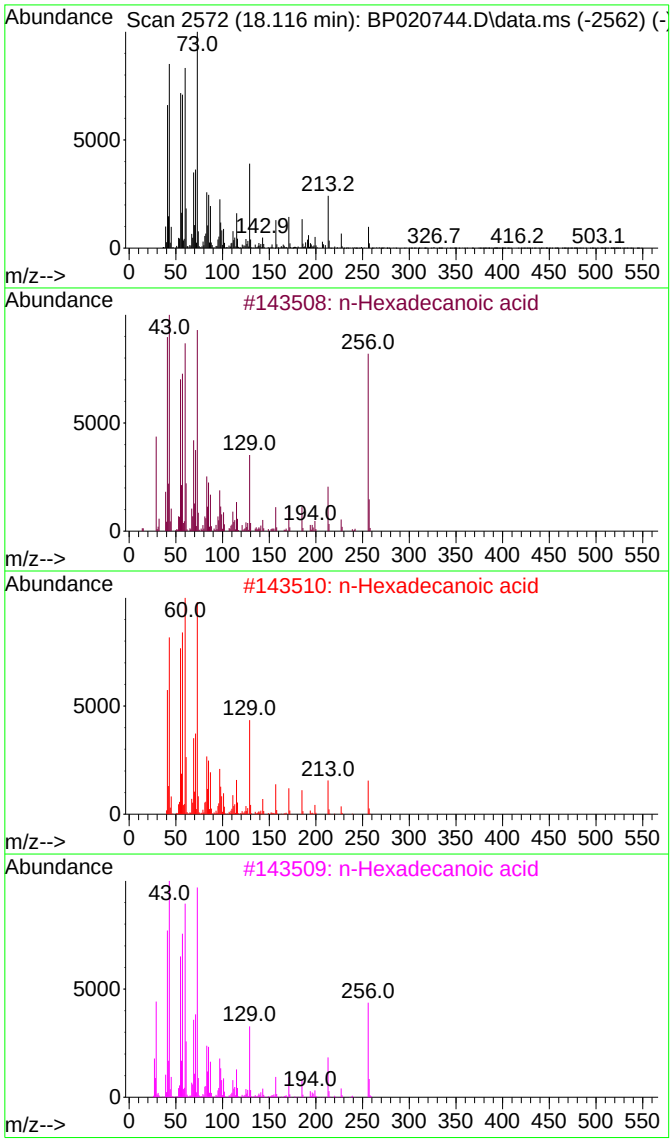
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

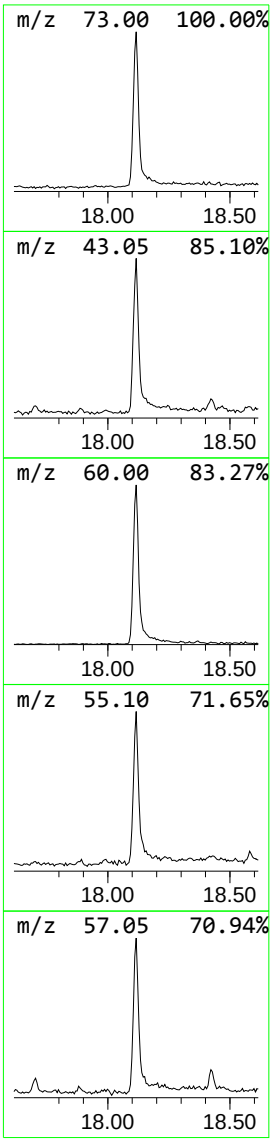
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.116	6.93 ng/ul	729070	Phenanthrene-d10	17.181

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	Tridecanoic acid	214	C13H26O2	000638-53-9	93





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ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR0

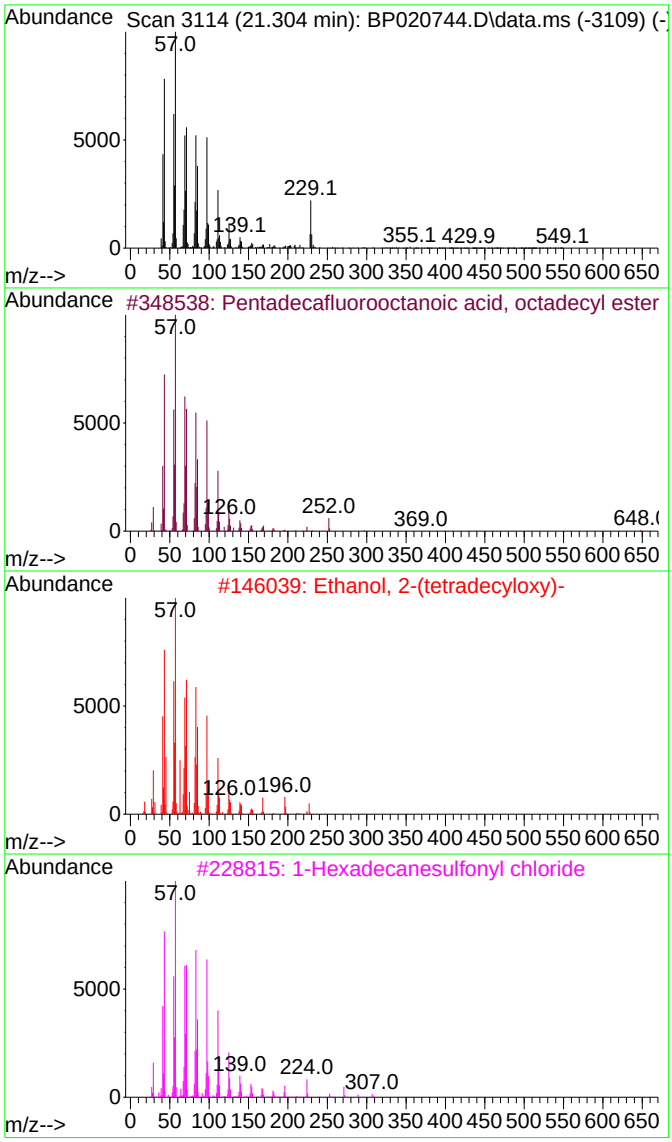
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

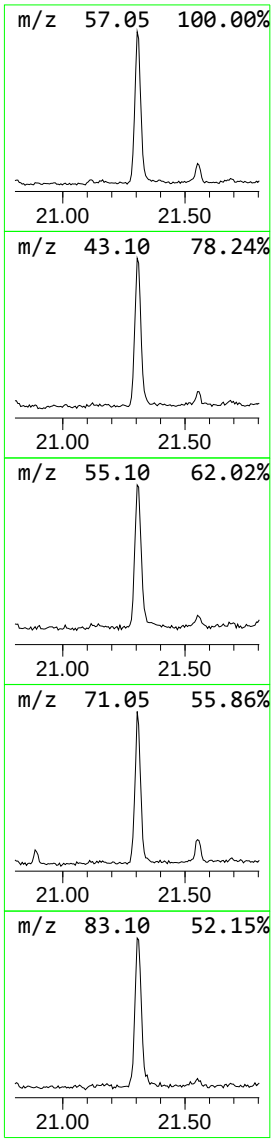
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Pentadecafluorooctanoic aci... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.304	5.07 ng/ul	820457	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	91
2	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	87
3	1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	83
4	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	83
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020744.D
Acq On : 02 Jul 2024 10:09
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR0

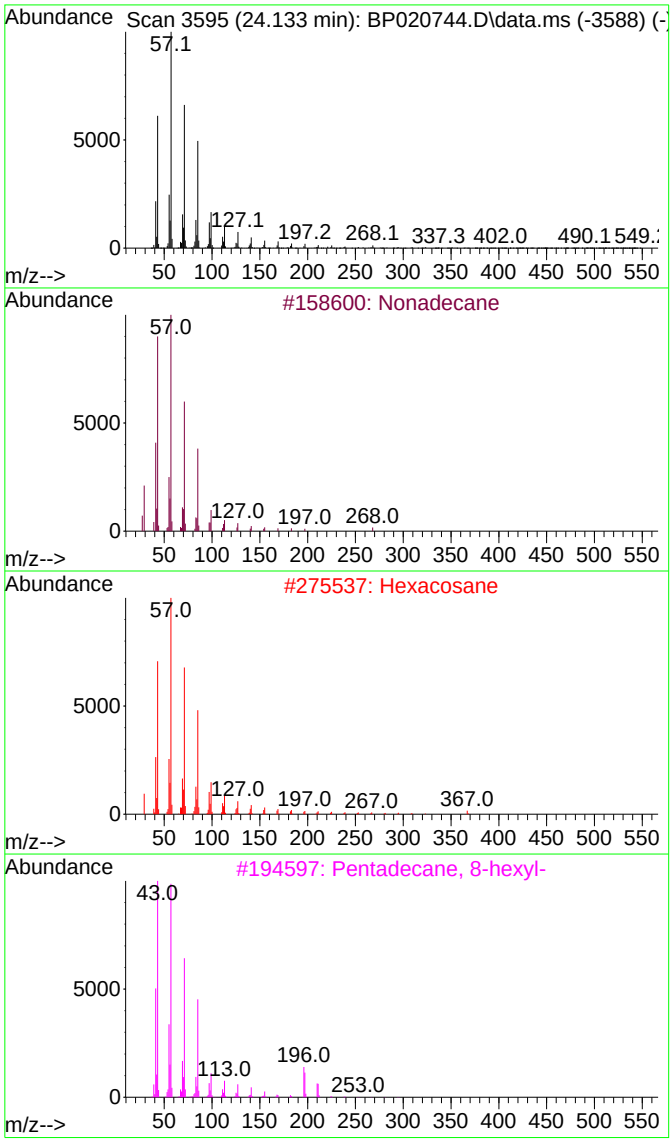
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

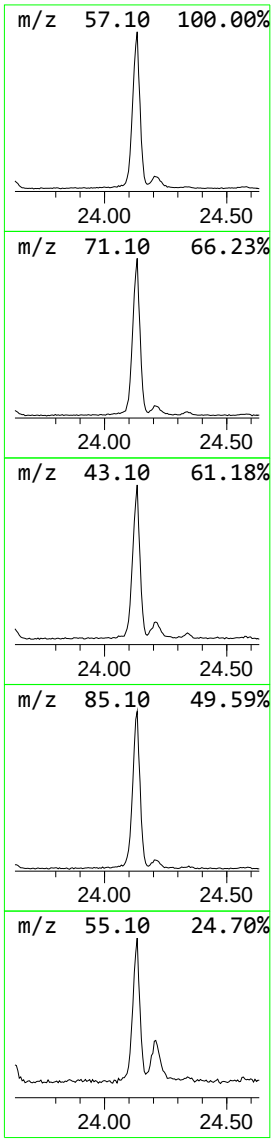
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.133	11.22 ng/ul	1460930	Perylene-d12	24.986

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Hexacosane	366	C26H54	000630-01-3	94
3	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
5	Tetratetracontane	619	C44H90	007098-22-8	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
Data File : BP020744.D
Acq On : 02 Jul 2024 10:09
Operator : MA/JU
Sample : P2963-09
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CR0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.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
unknown-01	3.781	3.0	ng/ul	187069	1	7.740	1241270	20.0
unknown-02	4.893	3.0	ng/ul	189133	1	7.740	1241270	20.0
n-Hexadecanoic ...	18.116	6.9	ng/ul	729070	4	17.181	2103760	20.0
Pentadecafluoro...	21.304	5.1	ng/ul	820457	5	21.633	3238100	20.0
(DEL) Alkane: S...	24.133	11.2	ng/ul	1460930	6	24.986	2605240	20.0