LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012025\
Data File : BP023671.D
Acq On : 21 Jan 2025 02:39
Operator : RC/JU
Sample : Q1126-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AF4

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-BP011425.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP023671.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.316	35	39	43	rBV	149863	183109	0.37%	0.066%
2	3.722	104	108	124	rBV	395939	603786	1.22%	0.216%
3	4.052	160	164	169	rBV	44918	61158	0.12%	0.022%
4	4.146	175	180	187	rVB	48598	69581	0.14%	0.025%
5	4.952	313	317	324	rVB2	31526	53679	0.11%	0.019%
6	5.910	476	480	492	rVB	191388	280880	0.57%	0.101%
7	6.205	526	530	537	rVB	36948	58622	0.12%	0.021%
8	6.787	623	629	635	rBV2	26407	51287	0.10%	0.018%
9	6.963	653	659	670	rBV	740731	1292348	2.61%	0.463%
10	7.140	681	689	698	rBV	2054948	3127505	6.31%	1.120%
11	7.340	715	723	733	rBV	2304861	3588657	7.24%	1.285%
12	7.804	792	802	809	rBV	2434568	3762740	7.59%	1.347%
13	7.869	809	813	819	rVV	106602	168633	0.34%	0.060%
14	8.493	911	919	932	rBV	2056231	3138371	6.33%	1.124%
15	8.899	981	988	990	rBV2	32501	55636	0.11%	0.020%
16	8.946	990	996	1008	rVV	2201877	3460258	6.98%	1.239%
17	9.404	1069	1074	1079	rBV2	34618	59836	0.12%	0.021%
18	9.504	1085	1091	1094	rBV	80688	136248	0.28%	0.049%
19	9.663	1110	1118	1127	rBV	1509286	2407356	4.86%	0.862%
20	9.763	1131	1135	1139	rBV	82432	138832	0.28%	0.050%
21	10.198	1201	1209	1227	rBV	3118050	4861839	9.81%	1.741%
22	10.357	1229	1236	1259	rBV	7733261	11885978	23.99%	4.256%
23	10.581	1267	1274	1282	rVB	2991083	4905095	9.90%	1.756%
24	10.710	1289	1296	1310	rBV	1297327	2222156	4.49%	0.796%
25	10.940	1329	1335	1347	rVB5	24794	78849	0.16%	0.028%
26	11.222	1378	1383	1389	rVB	82419	136773	0.28%	0.049%
27	11.310	1389	1398	1402	rBV6	27851	58780	0.12%	0.021%
28	12.104	1528	1533	1538	rVB2	40616	61387	0.12%	0.022%
29	12.169	1538	1544	1549	rVB	41614	64774	0.13%	0.023%
30	12.787	1644	1649	1651	rBV2	42797	61672	0.12%	0.022%
31	12.845	1651	1659	1681	rVV	2465174	4262882	8.60%	1.526%
32	13.034	1687	1691	1703	rVB	87488	143490	0.29%	0.051%
33	13.157	1708	1712	1718	rVB2	49175	70548	0.14%	0.025%
34	13.263	1726	1730	1736	rVV2	41578	56009	0.11%	0.020%
35	13.328	1736	1741	1748	rVB	68871	106022	0.21%	0.038%
36	13.828	1819	1826	1832	rBV	4679798	6410132	12.94%	2.295%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012025\
Data File : BP023671.D
Acq On : 21 Jan 2025 02:39
Operator : RC/JU
Sample : Q1126-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AF4

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-BP011425.MA.M
Title : SVOA CALIBRATION

37	14.075	1864	1868	1869	rBV	107318	116777	0.24%	0.042%
38	14.116	1869	1875	1881	rVV	6044751	8494312	17.15%	3.042%
39	14.175	1881	1885	1891	rVV	63131	110905	0.22%	0.040%
40	14.234	1892	1895	1899	rVV5	35101	58029	0.12%	0.021%
41	14.292	1899	1905	1911	rVB2	66994	126301	0.25%	0.045%
42	14.422	1918	1927	1934	rBV2	4669818	7058859	14.25%	2.528%
43	14.604	1953	1958	1971	rVB2	707230	1193232	2.41%	0.427%
44	15.022	2024	2029	2035	rVB2	49427	74899	0.15%	0.027%
45	15.181	2050	2056	2061	rVV	117364	174974	0.35%	0.063%
46	15.251	2064	2068	2075	rVB	79160	110073	0.22%	0.039%
47	15.428	2091	2098	2110	rBV	7030449	10623960	21.44%	3.804%
48	15.539	2110	2117	2130	rBV	1264470	1968106	3.97%	0.705%
49	15.675	2136	2140	2148	rVB3	35084	56749	0.11%	0.020%
50	15.804	2155	2162	2170	rBV	2643596	3902847	7.88%	1.398%
51	15.998	2191	2195	2204	rVB	29028	53150	0.11%	0.019%
52	16.239	2231	2236	2237	rBV	178602	204760	0.41%	0.073%
53	16.263	2237	2240	2253	rVV	268034	729276	1.47%	0.261%
54	16.375	2254	2259	2271	rVB	367997	561083	1.13%	0.201%
55	16.716	2311	2317	2323	rBV3	64474	132221	0.27%	0.047%
56	16.822	2330	2335	2340	rVB	37019	52010	0.10%	0.019%
57	17.010	2360	2367	2374	rVB3	47275	98489	0.20%	0.035%
58	17.222	2396	2403	2409	rBV	5281742	6937448	14.00%	2.484%
59	17.322	2413	2420	2431	rVV	7415689	11230187	22.67%	4.021%
60	17.533	2452	2456	2460	rVB	124694	162257	0.33%	0.058%
61	17.604	2464	2468	2475	rBV2	37310	64999	0.13%	0.023%
62	17.816	2499	2504	2509	rBV2	61921	114106	0.23%	0.041%
63	17.927	2518	2523	2536	rVB2	369804	504249	1.02%	0.181%
64	18.098	2549	2552	2558	rVB	63406	74601	0.15%	0.027%
65	18.163	2558	2563	2572	rBV	411352	703909	1.42%	0.252%
66	18.233	2573	2575	2586	rVB	59953	120704	0.24%	0.043%
67	18.475	2611	2616	2625	rVB7	48818	110828	0.22%	0.040%
68	18.627	2636	2642	2650	rVB6	61939	148184	0.30%	0.053%
69	18.922	2686	2692	2704	rBV	1645392	2540079	5.13%	0.910%
70	19.163	2727	2733	2742	rBV	17924991	21904857	44.21%	7.844%
71	19.233	2742	2745	2752	rVB	121927	162120	0.33%	0.058%
72	19.310	2753	2758	2761	rBV	90217	133367	0.27%	0.048%
73	19.486	2784	2788	2800	rBV	431350	677005	1.37%	0.242%
74	19.580	2801	2804	2809	rVB	78610	107027	0.22%	0.038%
75	19.686	2816	2822	2828	rBV	9574249	13691270	27.64%	4.902%
76	19.898	2848	2858	2864	rBV	654134	1801392	3.64%	0.645%

LSC Area Percent Report

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Data File : BP023671.D
Acq On : 21 Jan 2025 02:39
Operator : RC/JU
Sample : Q1126-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AF4

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-BP011425.MA.M
Title : SVOA CALIBRATION

77	20.063	2880	2886	2891	rBV	310983	816751	1.65%	0.292%
78	20.104	2891	2893	2894	rVV	392613	405879	0.82%	0.145%
79	20.121	2894	2896	2912	rVB	710265	1229038	2.48%	0.440%
80	20.510	2960	2962	2970	rVB9	78557	118780	0.24%	0.043%
81	20.610	2977	2979	2984	rBV3	77130	91187	0.18%	0.033%
82	20.863	3018	3022	3031	rBV	331242	557315	1.12%	0.200%
83	21.657	3151	3157	3170	rVB	5429834	8476849	17.11%	3.035%
84	21.833	3181	3187	3202	rVB	25829508	38629945	77.97%	13.832%
85	23.457	3460	3463	3471	rVB3	176731	340405	0.69%	0.122%
86	24.809	3683	3693	3713	rVB	5385573	14599220	29.47%	5.228%
87	25.051	3725	3734	3748	rVB	3980553	9290655	18.75%	3.327%
88	25.739	3837	3851	3879	rBV	14975330	49542401	100.00%	17.740%

Sum of corrected areas: 279272934

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012025\
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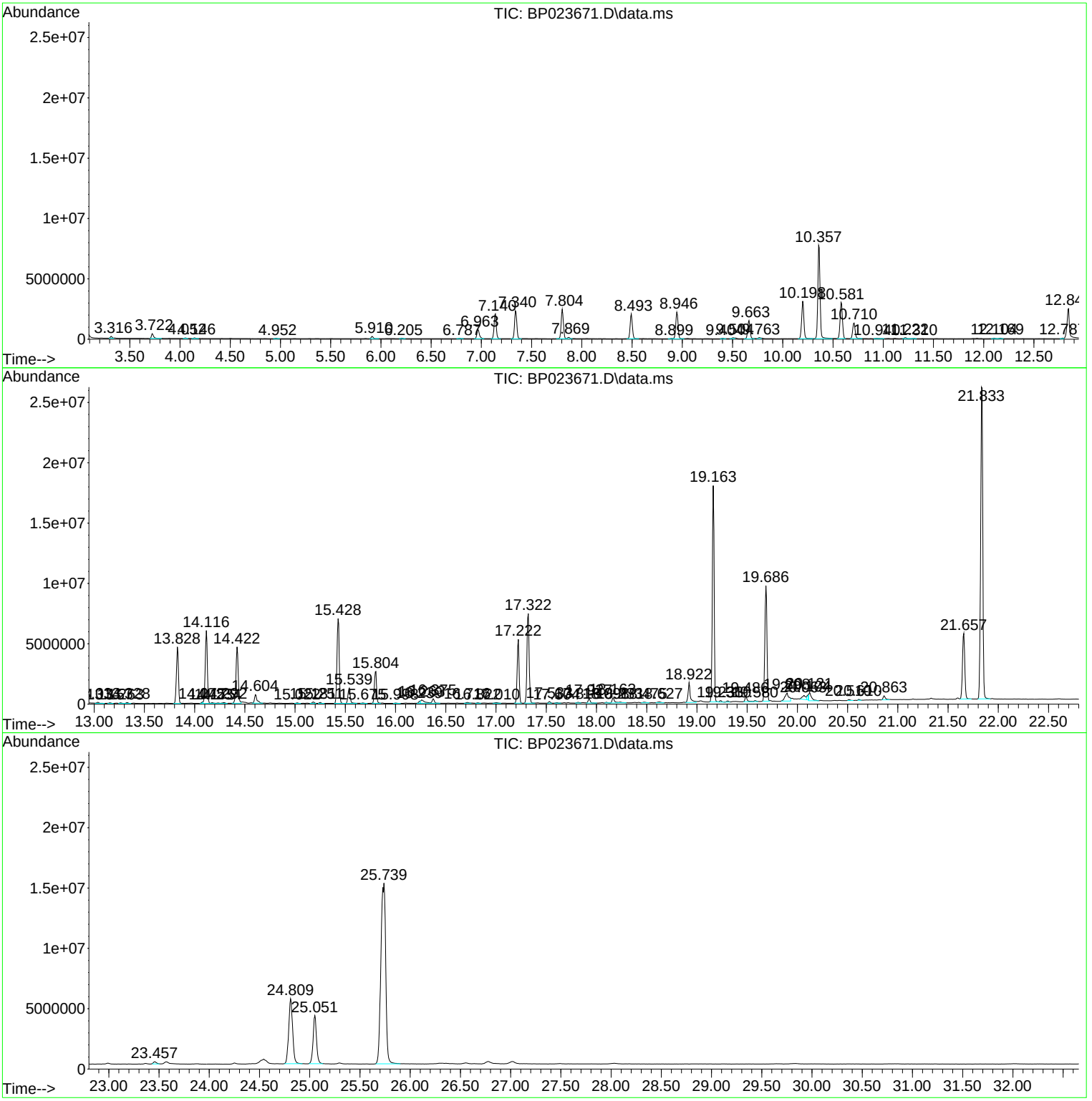
Acq On : 21 Jan 2025 02:39
Operator : RC/JU
Sample : Q1126-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AF4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.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\BP012025\
Data File : BP023671.D
Acq On : 21 Jan 2025 02:39
Operator : RC/JU
Sample : Q1126-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AF4

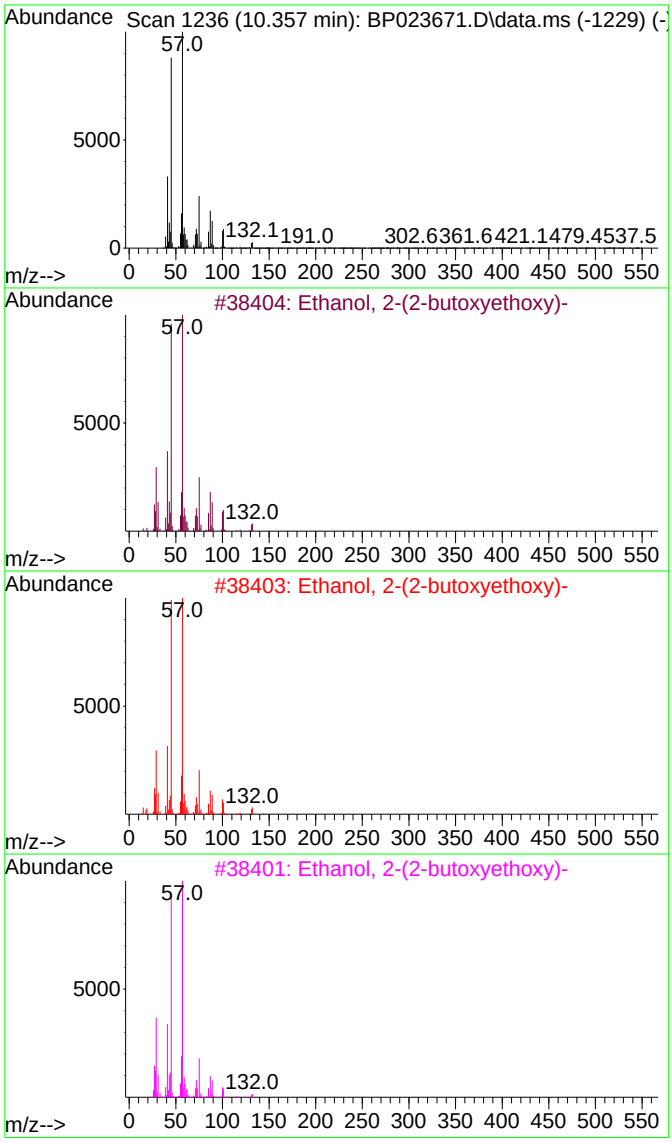
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION

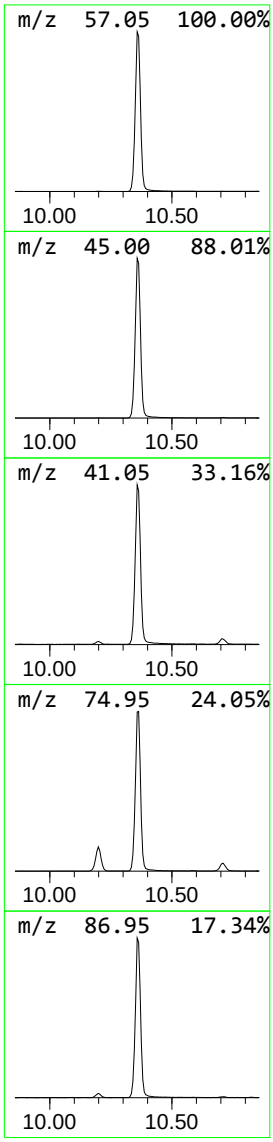
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.357	48.46 ng/ul	11886000	Naphthalene-d8	10.581

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012025\
Data File : BP023671.D
Acq On : 21 Jan 2025 02:39
Operator : RC/JU
Sample : Q1126-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AF4

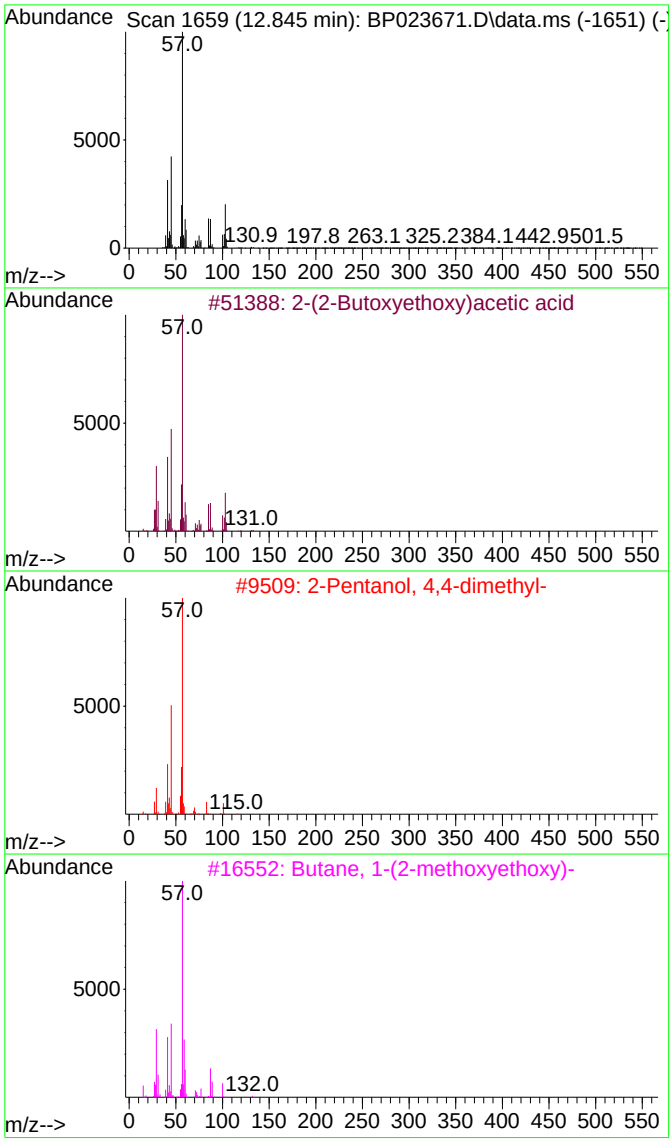
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION

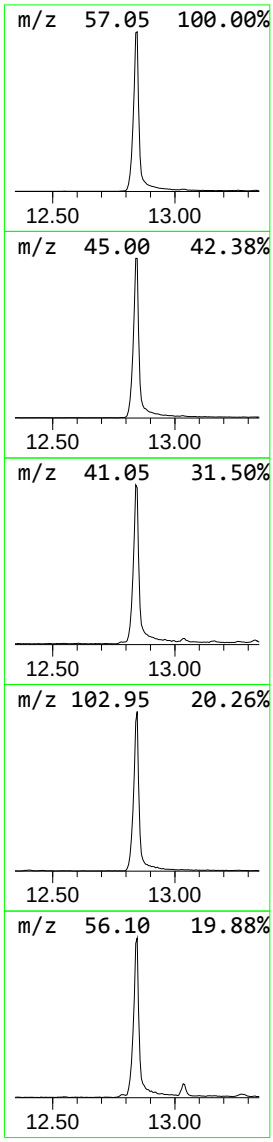
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-(2-Butoxyethoxy)acetic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.845	12.08 ng/ul	4262880	Acenaphthene-d10	14.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Butoxyethoxy)acetic acid	176	C8H16O4	082941-26-2	91
2	2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	43
3	Butane, 1-(2-methoxyethoxy)-	132	C7H16O2	013343-98-1	43
4	2-Pentanol, 4,4-dimethyl-	116	C7H16O	006144-93-0	43
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012025\
Data File : BP023671.D
Acq On : 21 Jan 2025 02:39
Operator : RC/JU
Sample : Q1126-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AF4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION

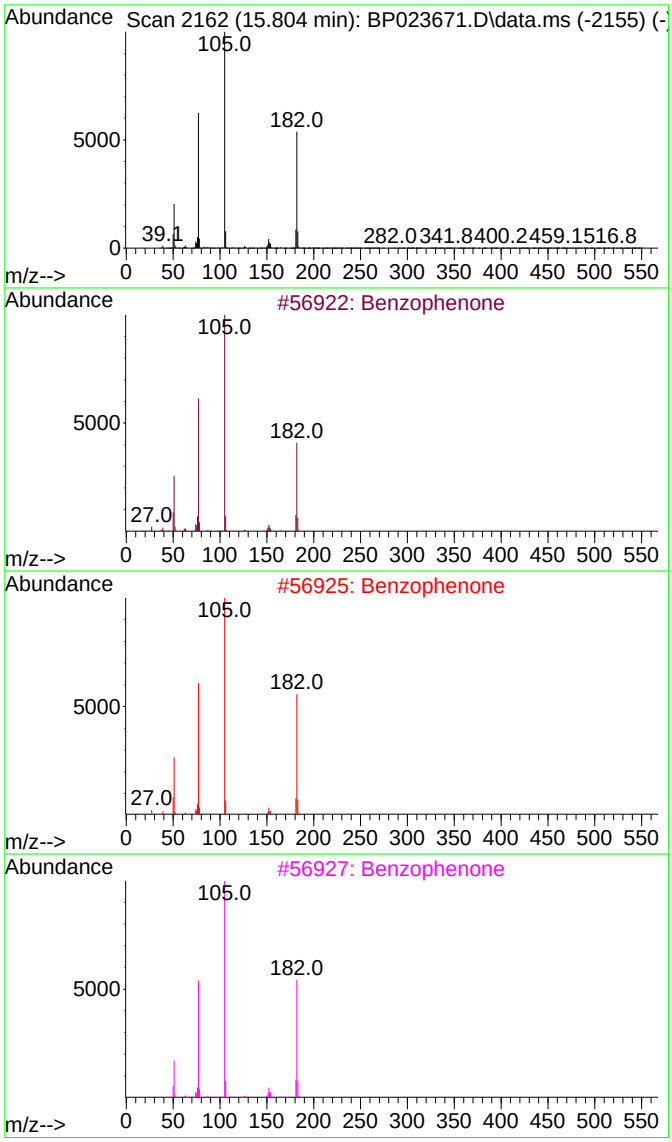
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

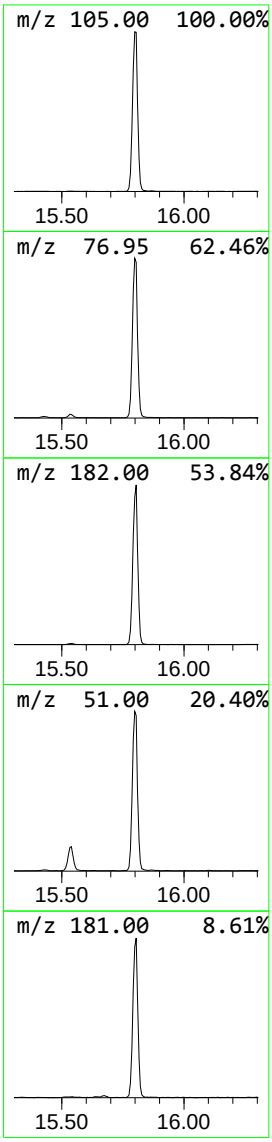
****

Peak Number 3 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.804	11.06 ng/ul	3902850	Acenaphthene-d10	14.422

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	96
4	Benzophenone	182	C13H10O	000119-61-9	95
5	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50





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Acq On : 21 Jan 2025 02:39
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Sample : Q1126-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AF4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION

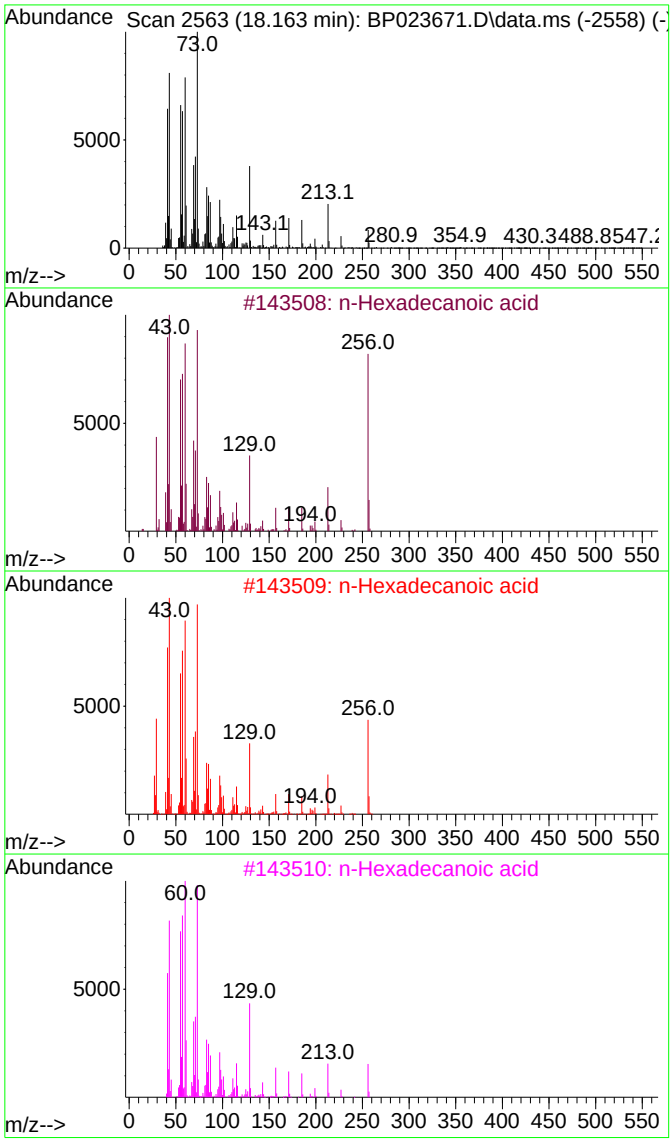
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

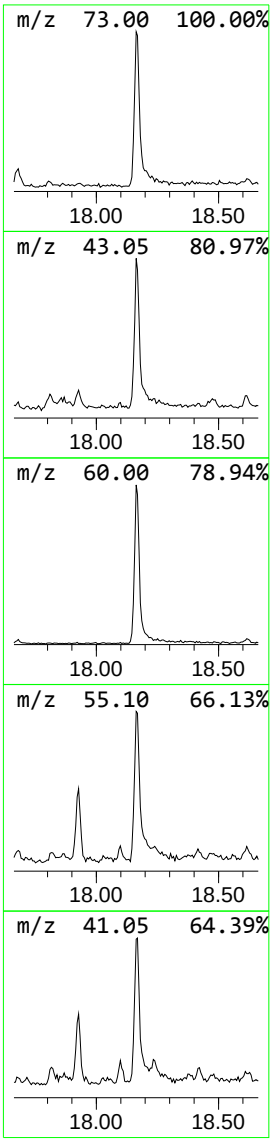
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	2.03 ng/ul	703909	Phenanthrene-d10	17.222

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	98
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	91





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Data File : BP023671.D
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Sample : Q1126-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AF4

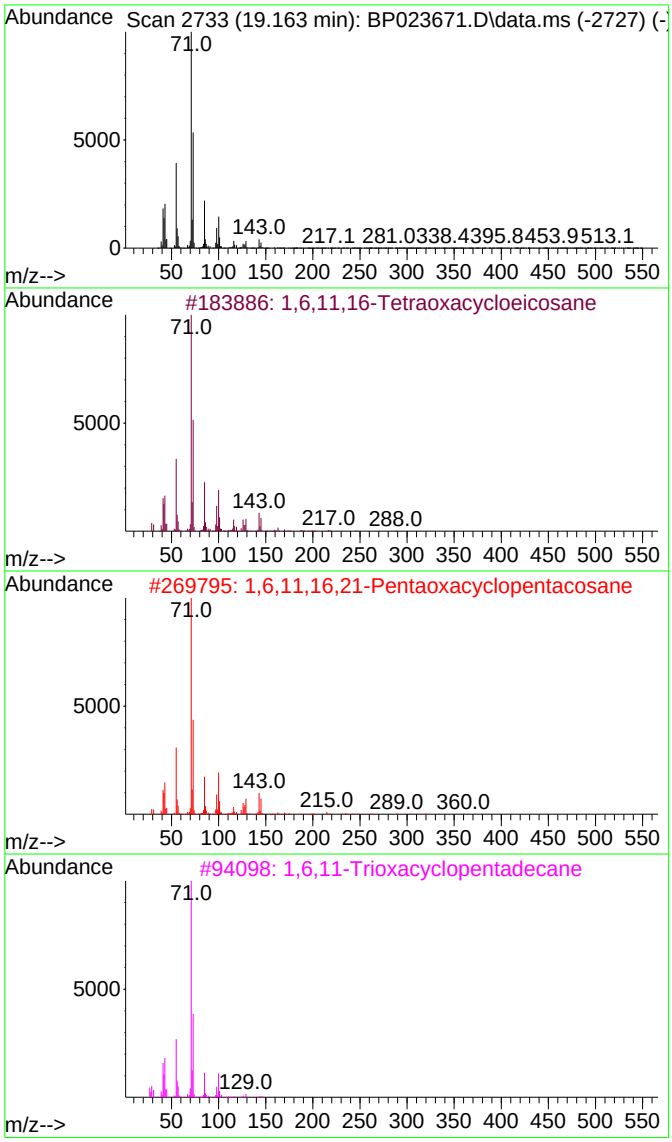
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION

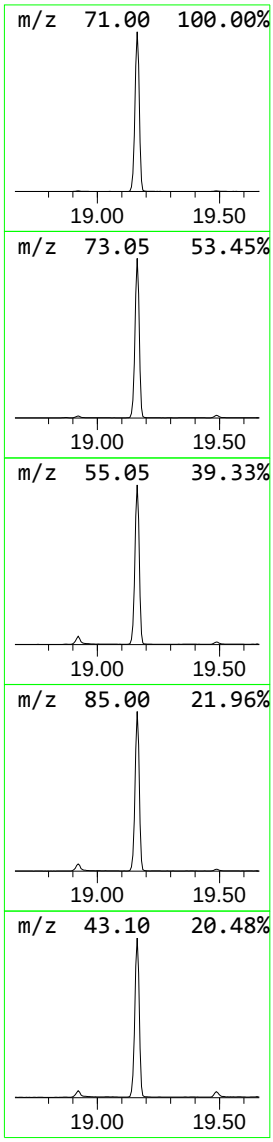
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,6,11,16-Tetraoxacycloeico... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.163	63.15 ng/ul	21904900	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,11,16-Tetraoxacycloeicosane	288	C16H32O4	017043-02-6	91
2	1,6,11,16,21-Pentaoxacyclopentac...	360	C20H40O5	056890-57-4	83
3	1,6,11-Trioxacyclopentadecane	216	C12H24O3	000295-63-6	80
4	1,6,11,16,21,26-Hexaoxacyclotria...	432	C24H48O6	064001-05-4	74
5	1-Penten-3-ol, 2-methyl-	100	C6H12O	002088-07-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012025\
Data File : BP023671.D
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Sample : Q1126-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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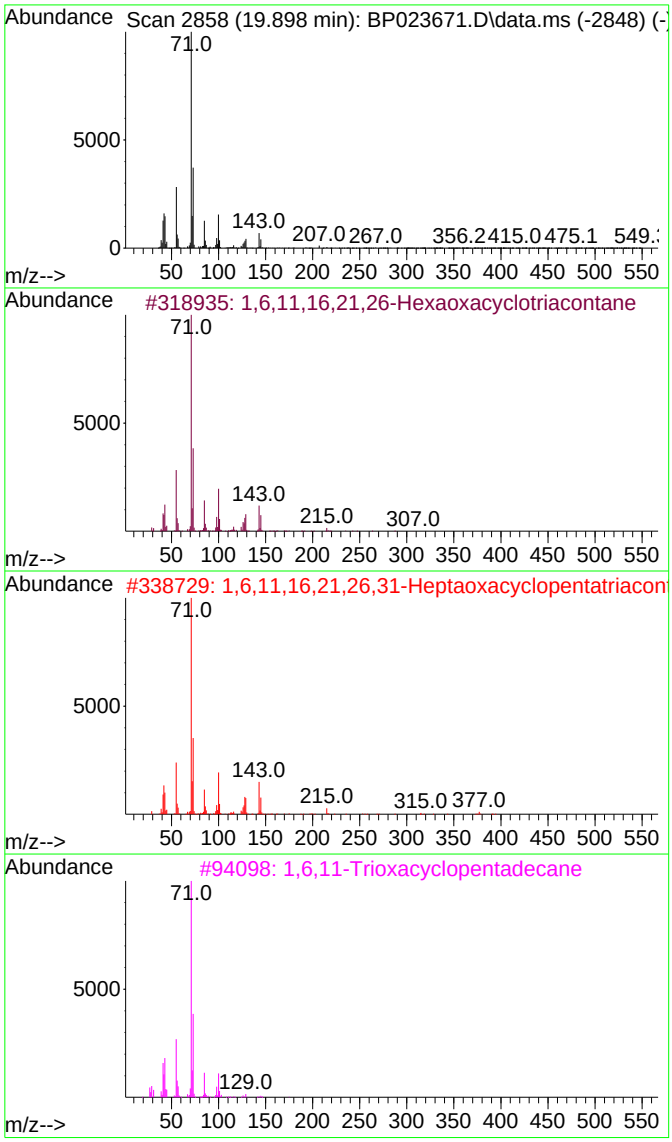
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION

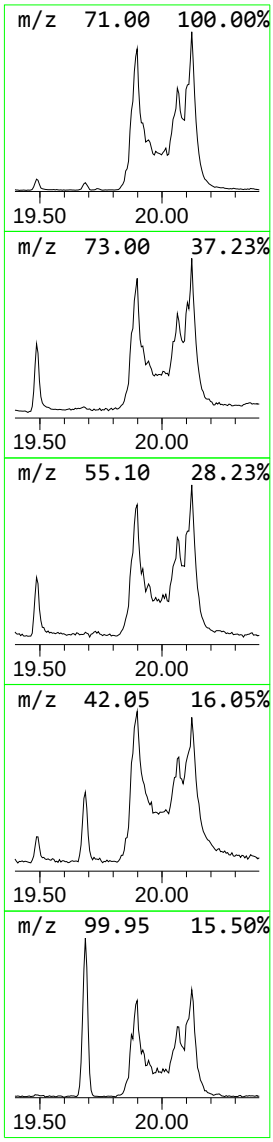
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1,6,11,16,21,26-Hexaoxacycl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.898	4.25 ng/ul	1801390	Chrysene-d12	21.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,11,16,21,26-Hexaoxacyclotria...	432	C24H48O6	064001-05-4	91
2	1,6,11,16,21,26,31-Heptaoxacyclo...	504	C28H56O7	066055-34-3	91
3	1,6,11-Trioxacyclopentadecane	216	C12H24O3	000295-63-6	50
4	3-Tetrahydro-2-furanylpropanoic ...	144	C7H12O3	000935-12-6	42
5	1,6,11,16-Tetraoxacycloeicosane	288	C16H32O4	017043-02-6	42





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Data File : BP023671.D
Acq On : 21 Jan 2025 02:39
Operator : RC/JU
Sample : Q1126-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AF4

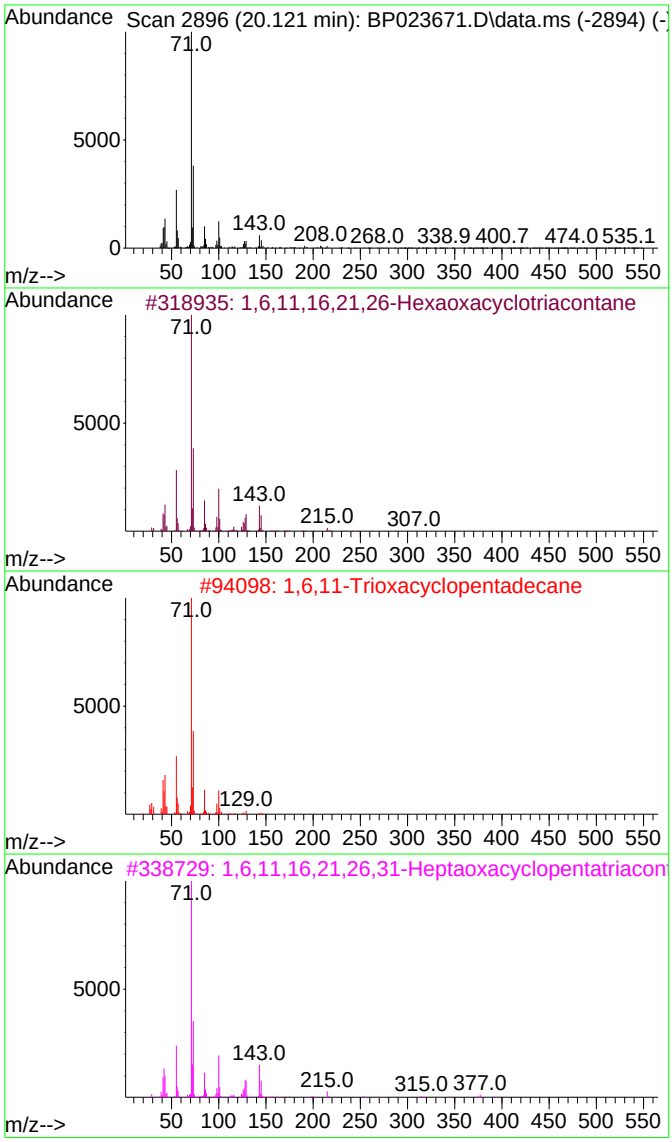
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.MA.M
Quant Title : SVOA CALIBRATION

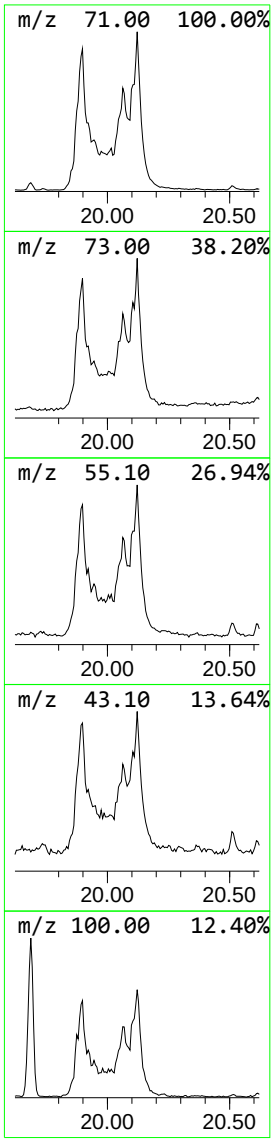
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1,6,11-Trioxacyclopentadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.122	2.90 ng/ul	1229040	Chrysene-d12	21.657

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6,11,16,21,26-Hexaoxacyclotria...	432	C24H48O6	064001-05-4	90
2	1,6,11-Trioxacyclopentadecane	216	C12H24O3	000295-63-6	86
3	1,6,11,16,21,26,31-Heptaoxacyclo...	504	C28H56O7	066055-34-3	64
4	Z-1-Methoxy-2-pentene	100	C6H12O	1000279-59-4	59
5	1-Methylcycloheptanol	128	C8H16O	003761-94-2	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012025\
Data File : BP023671.D
Acq On : 21 Jan 2025 02:39
Operator : RC/JU
Sample : Q1126-03
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0AF4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP011425.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
Ethanol, 2-(2-b...	10.357	48.5	ng/ul	11886000	2	10.581	4905100	20.0
2-(2-Butoxyetho...	12.845	12.1	ng/ul	4262880	3	14.422	7058860	20.0
Benzophenone	15.804	11.1	ng/ul	3902850	3	14.422	7058860	20.0
n-Hexadecanoic ...	18.163	2.0	ng/ul	703909	4	17.222	6937450	20.0
1,6,11,16-Tetra...	19.163	63.1	ng/ul	21904900	4	17.222	6937450	20.0
1,6,11,16,21,26...	19.898	4.3	ng/ul	1801390	5	21.657	8476850	20.0
1,6,11-Trioxacy...	20.122	2.9	ng/ul	1229040	5	21.657	8476850	20.0