LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034629.D
Acq On : 17 Oct 2024 19:56
Operator : RC/JU
Sample : P4360-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : A4FC8

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_N\Methods\SFAM-EPA-BN101624.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BN034629.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.922	4	6	9	rVB	103600	88770	0.65%	0.144%
2	2.964	9	13	22	rVV	10325019	13588078	100.00%	21.998%
3	3.028	22	24	37	rVB	365941	552278	4.06%	0.894%
4	3.211	51	55	61	rVB	30386	41020	0.30%	0.066%
5	3.605	118	122	129	rBV2	94516	147732	1.09%	0.239%
6	3.711	136	140	148	rVB	70320	88264	0.65%	0.143%
7	3.928	173	177	183	rVB	18554	28101	0.21%	0.045%
8	4.287	234	238	247	rVB5	13249	23012	0.17%	0.037%
9	4.464	259	268	273	rBV2	35562	71724	0.53%	0.116%
10	4.822	323	329	335	rVB2	20192	30815	0.23%	0.050%
11	4.905	338	343	349	rBV2	19938	30521	0.22%	0.049%
12	6.305	576	581	587	rVB	19902	34599	0.25%	0.056%
13	6.675	634	644	648	rBV	9135	25378	0.19%	0.041%
14	6.828	661	670	683	rBV	451088	825833	6.08%	1.337%
15	7.005	694	700	707	rBV	369386	544335	4.01%	0.881%
16	7.105	713	717	722	rVB4	16668	25999	0.19%	0.042%
17	7.199	725	733	742	rBV	441451	710495	5.23%	1.150%
18	7.663	805	812	820	rVV	984685	1492179	10.98%	2.416%
19	7.810	832	837	844	rVV	68926	105308	0.78%	0.170%
20	8.357	920	930	938	rBV	509704	813884	5.99%	1.318%
21	8.475	943	950	958	rVB	251003	392350	2.89%	0.635%
22	8.804	996	1006	1014	rBV	402497	643232	4.73%	1.041%
23	9.387	1097	1105	1109	rBV	47073	73096	0.54%	0.118%
24	9.522	1121	1128	1135	rBV	217725	356260	2.62%	0.577%
25	9.663	1145	1152	1158	rBV2	39004	76535	0.56%	0.124%
26	9.887	1184	1190	1197	rBV	30830	53711	0.40%	0.087%
27	10.057	1212	1219	1226	rBV	509209	809720	5.96%	1.311%
28	10.440	1275	1284	1291	rBV	1313945	2158096	15.88%	3.494%
29	10.569	1298	1306	1314	rBV	188126	354297	2.61%	0.574%
30	10.634	1314	1317	1324	rVB6	17493	31909	0.23%	0.052%
31	10.975	1370	1375	1385	rVB6	28137	68683	0.51%	0.111%
32	11.793	1506	1514	1521	rBV4	19903	38582	0.28%	0.062%
33	13.628	1821	1826	1831	rVB6	13048	23819	0.18%	0.039%
34	13.716	1835	1841	1851	rVB	854108	1162920	8.56%	1.883%
35	13.987	1880	1887	1902	rBV	1046850	1622793	11.94%	2.627%
36	14.298	1933	1940	1946	rBV	1799543	2624100	19.31%	4.248%

LSC Area Percent Report

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Operator : RC/JU
Sample : P4360-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4FC8

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_N\Methods\SFAM-EPA-BN101624.MA.M
Title : SVOA CALIBRATION

37	14.357	1946	1950	1959	rVB	41862	64940	0.48%	0.105%
38	14.481	1964	1971	1984	rBV	323907	498673	3.67%	0.807%
39	14.634	1993	1997	2003	rVB3	29834	41625	0.31%	0.067%
40	14.704	2003	2009	2017	rVV3	23532	60810	0.45%	0.098%
41	15.292	2102	2109	2114	rBV	1357487	1860726	13.69%	3.012%
42	15.345	2114	2118	2123	rVV2	46426	70277	0.52%	0.114%
43	15.398	2123	2127	2132	rVB	123514	161344	1.19%	0.261%
44	15.663	2165	2172	2182	rVB	283720	398055	2.93%	0.644%
45	15.786	2190	2193	2201	rVB4	13965	32313	0.24%	0.052%
46	16.228	2263	2268	2271	rBV2	20877	31881	0.23%	0.052%
47	16.351	2283	2289	2294	rVV7	19680	37485	0.28%	0.061%
48	16.692	2342	2347	2356	rVB3	22524	48148	0.35%	0.078%
49	16.781	2359	2362	2368	rBV7	9104	23353	0.17%	0.038%
50	16.857	2371	2375	2378	rVB	38815	51319	0.38%	0.083%
51	17.039	2398	2406	2410	rBV	2176751	2953607	21.74%	4.782%
52	17.081	2410	2413	2417	rVB	656535	805065	5.92%	1.303%
53	17.133	2417	2422	2427	rBV	1322327	1922571	14.15%	3.113%
54	17.239	2436	2440	2446	rVB6	20837	33702	0.25%	0.055%
55	17.433	2470	2473	2481	rVB	48259	81736	0.60%	0.132%
56	17.569	2491	2496	2501	rVV4	13569	28058	0.21%	0.045%
57	17.616	2501	2504	2510	rVB3	24477	37585	0.28%	0.061%
58	17.763	2525	2529	2534	rVB2	16319	27553	0.20%	0.045%
59	17.822	2535	2539	2545	rBV5	18644	38777	0.29%	0.063%
60	17.916	2550	2555	2559	rVV	103401	144610	1.06%	0.234%
61	17.969	2559	2564	2572	rVV2	335670	507280	3.73%	0.821%
62	18.039	2572	2576	2581	rVV2	63053	109873	0.81%	0.178%
63	18.104	2582	2587	2591	rVV2	154410	273507	2.01%	0.443%
64	18.145	2591	2594	2599	rVB	76219	102737	0.76%	0.166%
65	18.263	2611	2614	2621	rVB6	24462	35874	0.26%	0.058%
66	18.357	2627	2630	2634	rBV6	19024	28310	0.21%	0.046%
67	18.422	2636	2641	2643	rVV2	100516	153522	1.13%	0.249%
68	18.451	2643	2646	2650	rVV	94117	130812	0.96%	0.212%
69	18.522	2654	2658	2666	rBV	83638	120616	0.89%	0.195%
70	18.639	2675	2678	2680	rBV3	18783	23362	0.17%	0.038%
71	18.680	2680	2685	2690	rVV	1171035	1460358	10.75%	2.364%
72	18.751	2694	2697	2701	rVB3	61587	82705	0.61%	0.134%
73	18.798	2701	2705	2707	rBV3	33532	48108	0.35%	0.078%
74	18.839	2708	2712	2717	rVB2	72991	121720	0.90%	0.197%
75	18.898	2717	2722	2725	rBV4	75353	123764	0.91%	0.200%
76	18.975	2731	2735	2737	rBV2	51618	83555	0.61%	0.135%

LSC Area Percent Report

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Data File : BN034629.D
Acq On : 17 Oct 2024 19:56
Operator : RC/JU
Sample : P4360-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4FC8

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_N\Methods\SFAM-EPA-BN101624.MA.M
Title : SVOA CALIBRATION

77	19.098	2751	2756	2763	rVB	1230703	1615554	11.89%	2.615%
78	19.175	2766	2769	2772	rVB2	58038	69674	0.51%	0.113%
79	19.251	2778	2782	2787	rBV2	117668	174870	1.29%	0.283%
80	19.433	2807	2813	2815	rBV	1575777	2192437	16.14%	3.549%
81	19.457	2815	2817	2822	rVB	886803	1001795	7.37%	1.622%
82	19.533	2828	2830	2837	rVB2	52248	77168	0.57%	0.125%
83	19.639	2845	2848	2852	rBV	56660	71509	0.53%	0.116%
84	19.927	2893	2897	2898	rBV2	56982	76521	0.56%	0.124%
85	19.957	2899	2902	2907	rVB	152265	218378	1.61%	0.354%
86	20.057	2917	2919	2923	rVB	114204	119333	0.88%	0.193%
87	20.116	2925	2929	2933	rBV2	110155	161024	1.19%	0.261%
88	20.257	2950	2953	2956	rVB2	69129	77773	0.57%	0.126%
89	20.298	2957	2960	2965	rBV2	77572	108741	0.80%	0.176%
90	20.704	3026	3029	3035	rVB	83827	107483	0.79%	0.174%
91	20.916	3062	3065	3069	rBV3	115565	155822	1.15%	0.252%
92	20.963	3069	3073	3076	rVV2	465957	608196	4.48%	0.985%
93	21.010	3076	3081	3088	rVB2	193054	402427	2.96%	0.652%
94	21.263	3114	3124	3128	rBV3	2298637	4186470	30.81%	6.778%
95	21.304	3128	3131	3141	rVB	521170	816898	6.01%	1.323%
96	22.086	3261	3264	3273	rVB3	174184	327957	2.41%	0.531%
97	23.251	3456	3462	3469	rBV	327539	946157	6.96%	1.532%
98	23.457	3492	3497	3512	rVB2	414827	1008351	7.42%	1.632%
99	23.951	3575	3581	3588	rBV	552229	1189118	8.75%	1.925%
100	24.151	3607	3615	3625	rVB	1451088	3436583	25.29%	5.564%

Sum of corrected areas: 61768983

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034629.D
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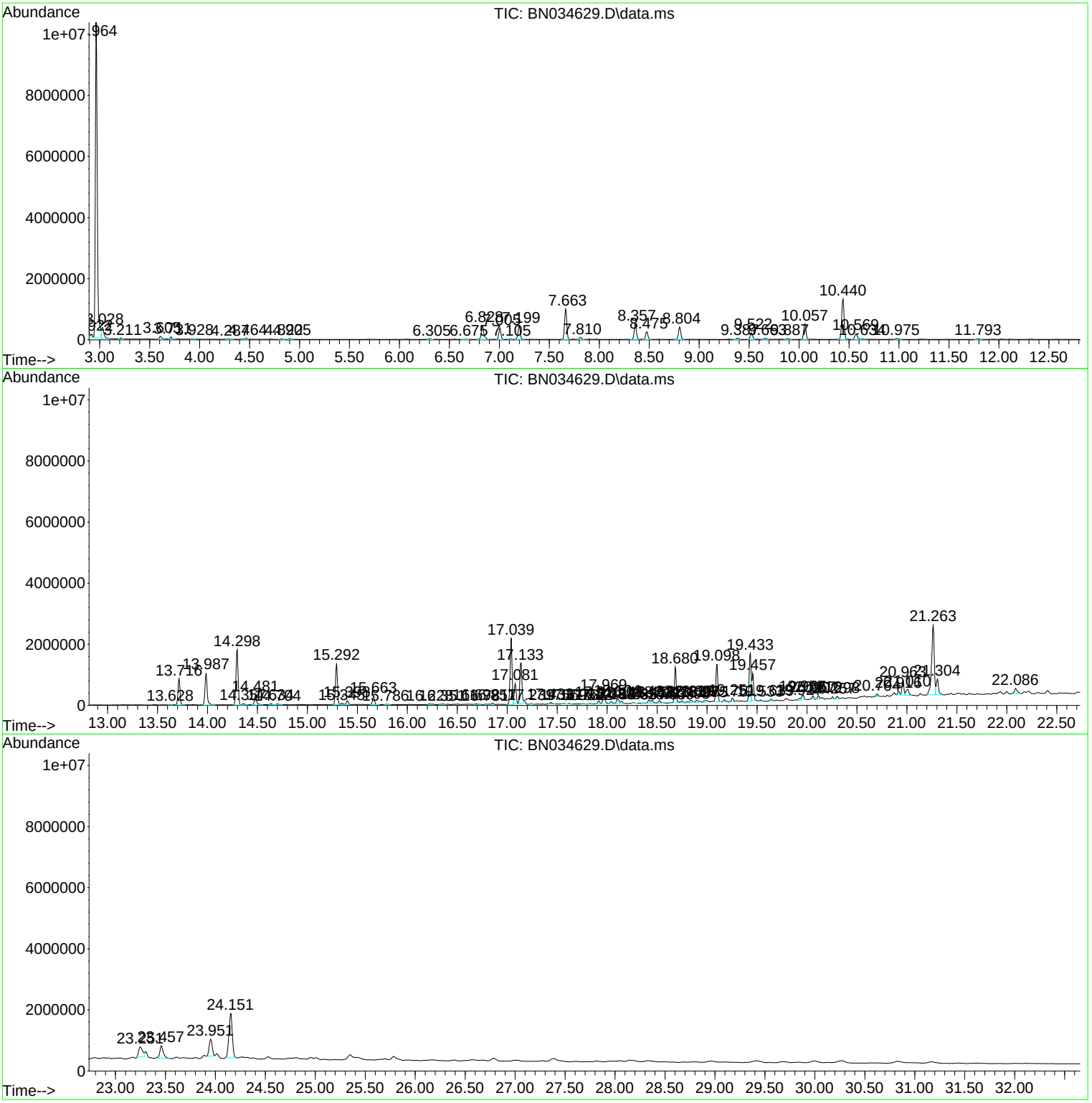
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4FC8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034629.D
Acq On : 17 Oct 2024 19:56
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION

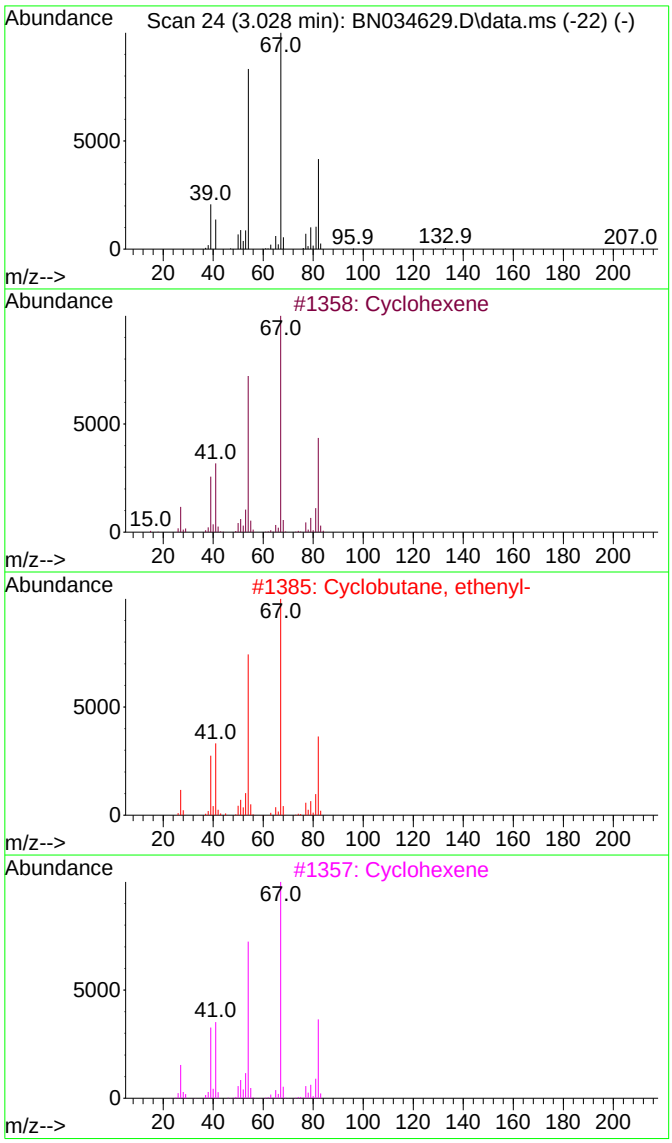
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

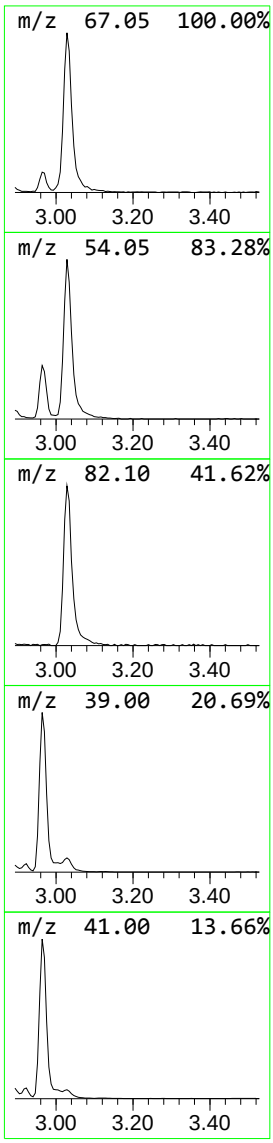
****

Peak Number 2 Cyclohexene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.028	7.40 ng/ul	552278	1,4-Dichlorobenzene-d4	7.663

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexene	82	C6H10	000110-83-8	91
2	Cyclobutane, ethenyl-	82	C6H10	002597-49-1	91
3	Cyclohexene	82	C6H10	000110-83-8	91
4	Ethylidenecyclobutane	82	C6H10	001528-21-8	90
5	5-Hexen-1-ol, pentafluoropropionate	246	C9H11F5O2	1000352-73-3	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034629.D
Acq On : 17 Oct 2024 19:56
Operator : RC/JU
Sample : P4360-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4FC8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION

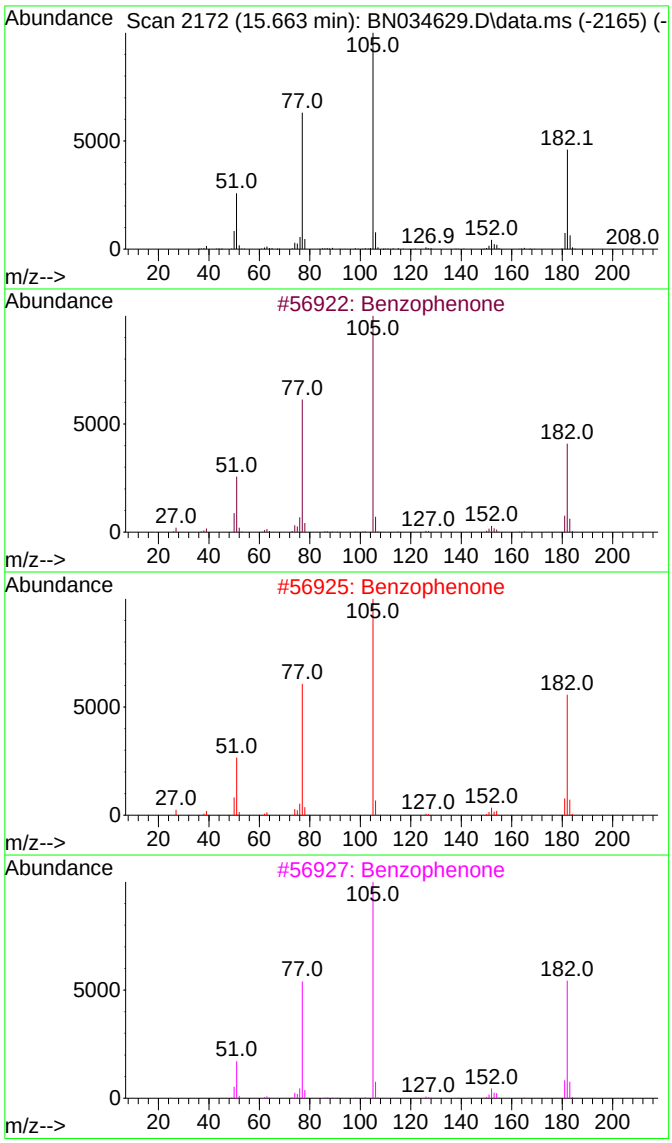
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

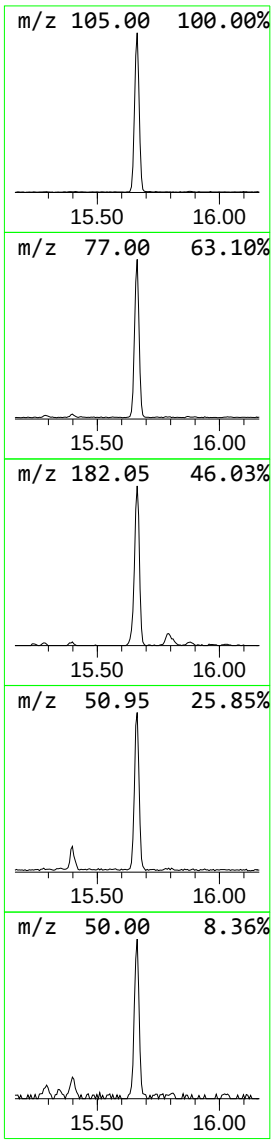
****

Peak Number 3 Benzophenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.663	3.03 ng/ul	398055	Acenaphthene-d10	14.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





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Data File : BN034629.D
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Operator : RC/JU
Sample : P4360-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4FC8

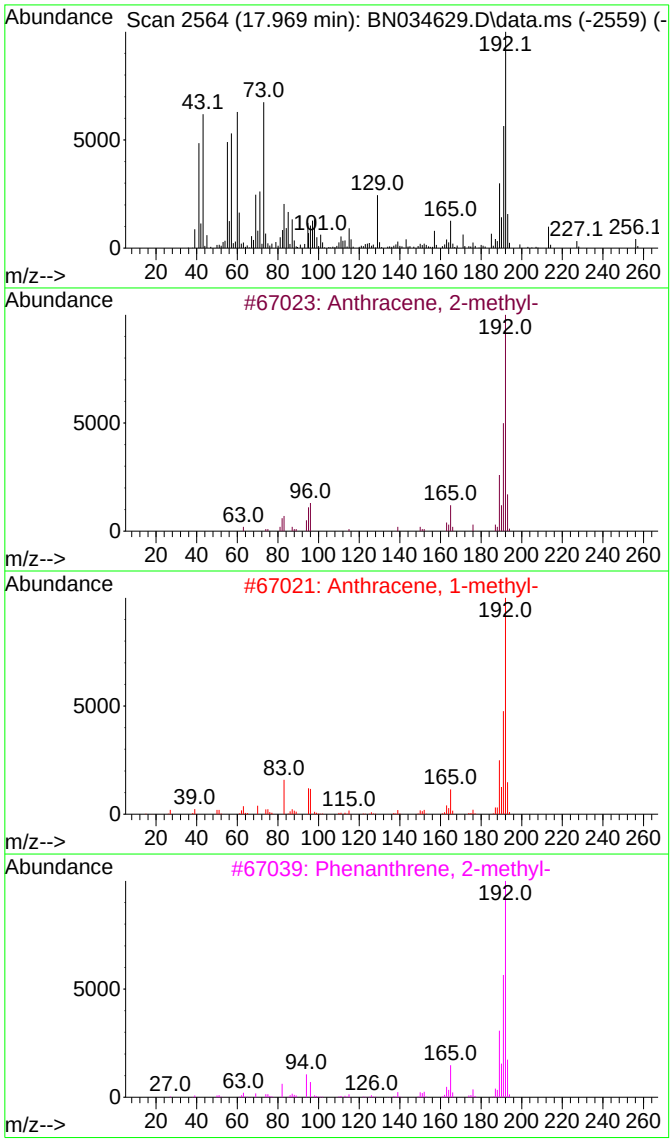
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION

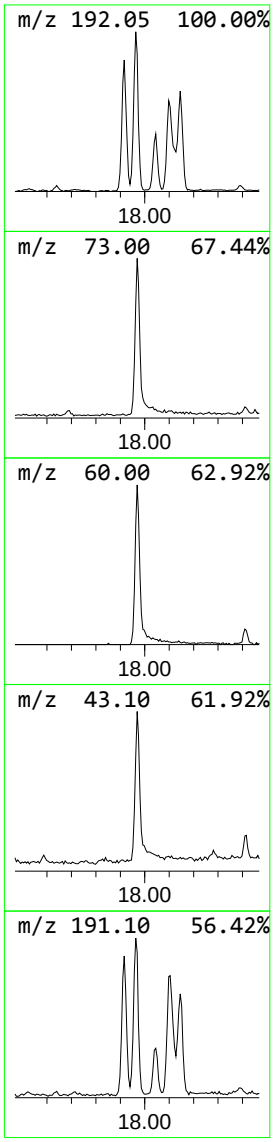
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.969	3.43 ng/ul	507280	Phenanthrene-d10	17.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Data File : BN034629.D
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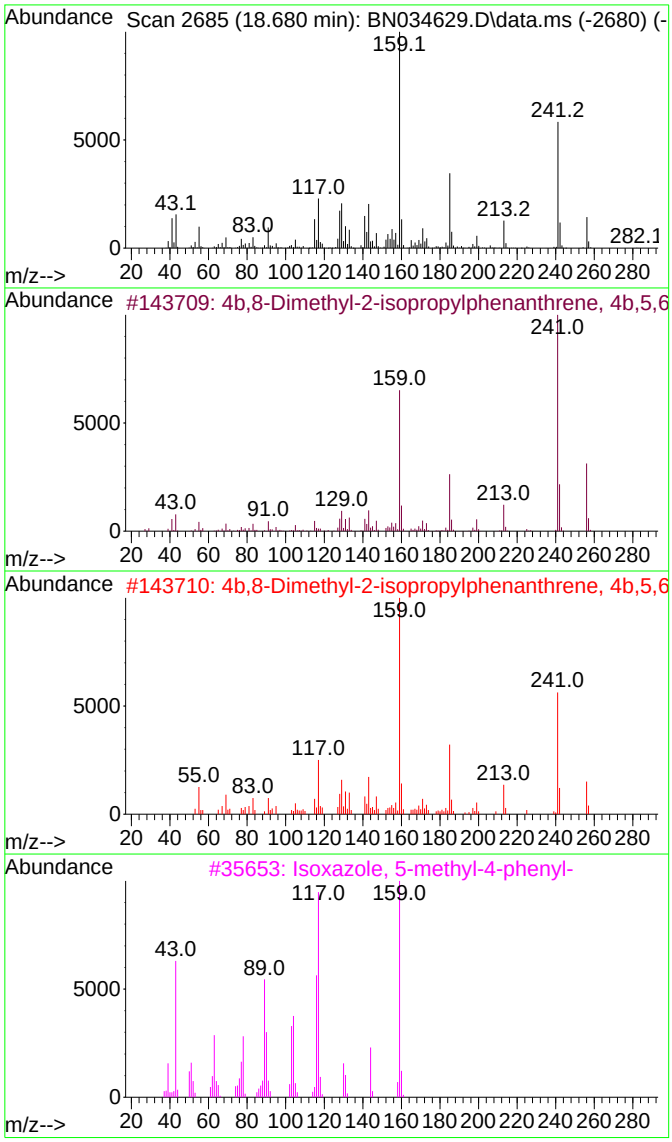
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION

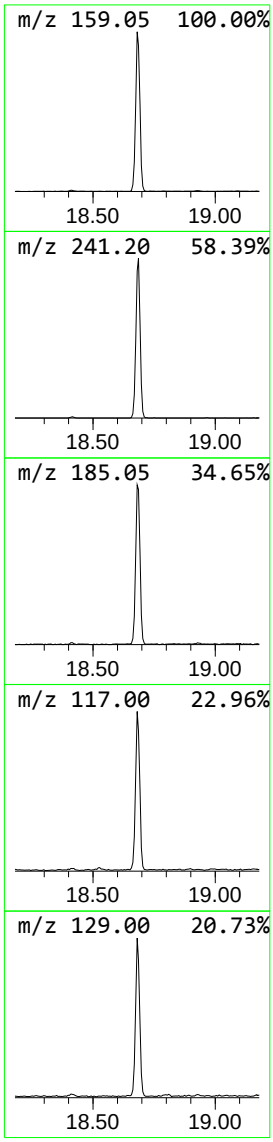
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4b,8-Dimethyl-2-isopropylph... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.680	9.89 ng/ul	1460360	Phenanthrene-d10	17.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	97
2	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	94
3	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	30
4	1,3-Dioxolane-2,2-diacetic acid,...	246	C11H18O6	071022-90-7	27
5	cis-Calamenene	202	C15H22	072937-55-4	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034629.D
Acq On : 17 Oct 2024 19:56
Operator : RC/JU
Sample : P4360-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4FC8

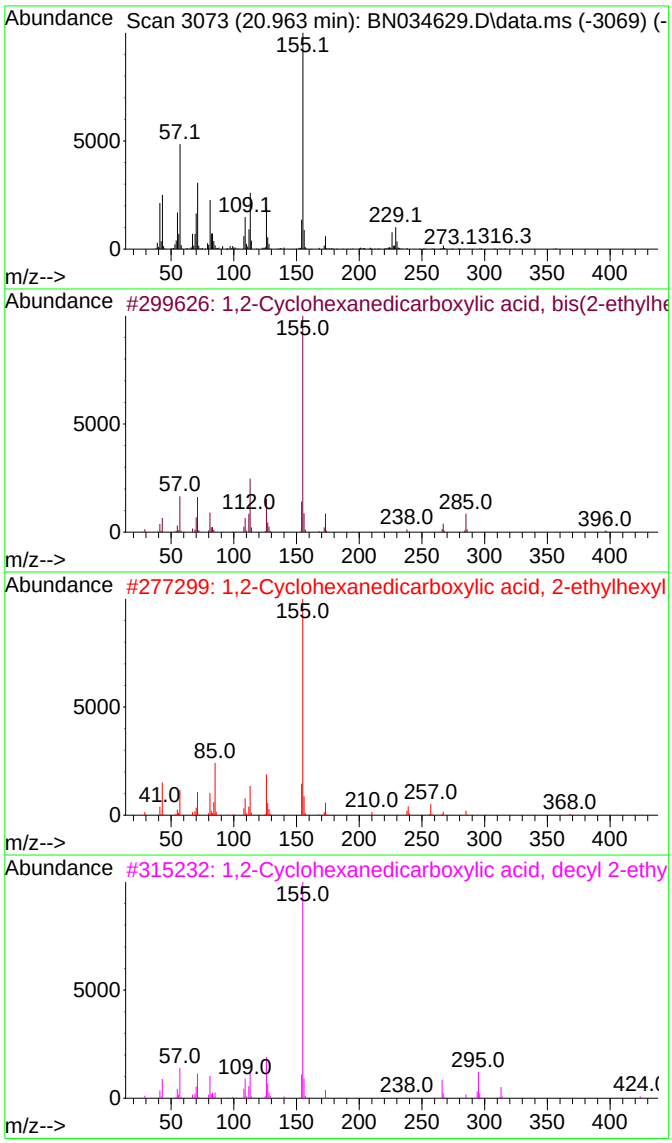
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION

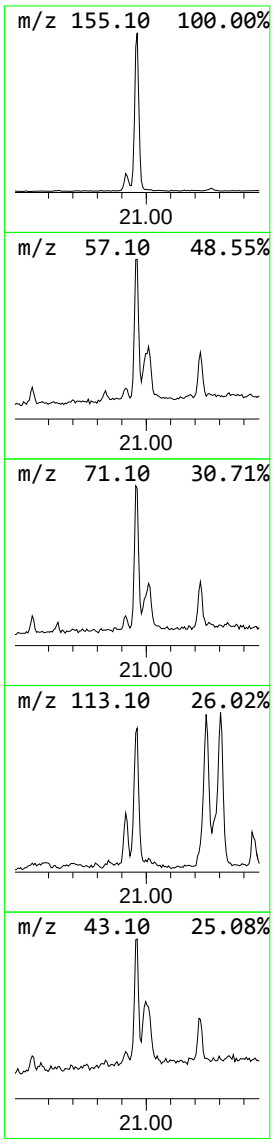
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1,2-Cyclohexanedicarboxylic... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.963	2.91 ng/ul	608196	Chrysene-d12	21.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Cyclohexanedicarboxylic acid...	396	C24H44O4	000084-71-9	86
2	1,2-Cyclohexanedicarboxylic acid...	368	C22H40O4	1000339-45-5	64
3	1,2-Cyclohexanedicarboxylic acid...	424	C26H48O4	1000339-45-9	59
4	1,2-Cyclohexanedicarboxylic acid...	324	C19H32O4	1000339-73-8	59
5	1,2-Cyclohexanedicarboxylic acid...	312	C18H32O4	1010339-55-8	53





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Data File : BN034629.D
Acq On : 17 Oct 2024 19:56
Operator : RC/JU
Sample : P4360-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4FC8

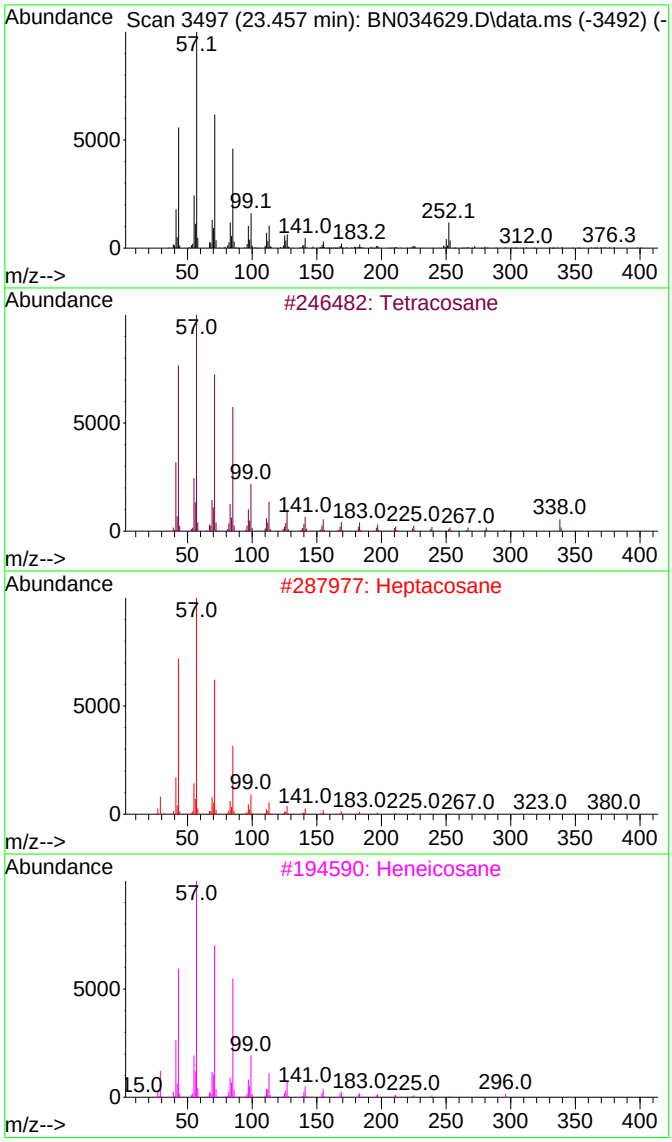
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M
Quant Title : SVOA CALIBRATION

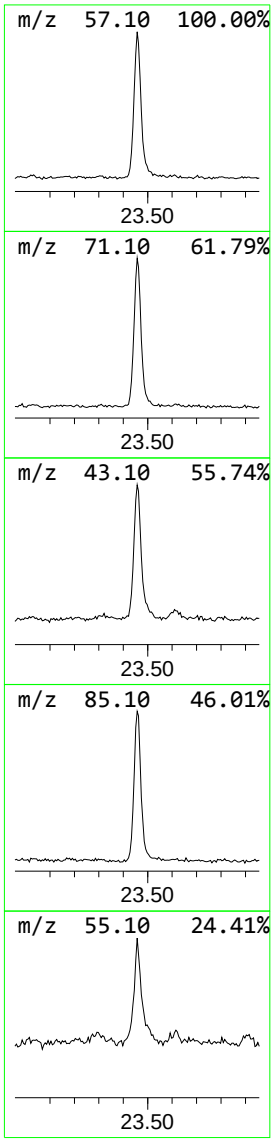
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.457	5.87 ng/ul	1008350	Perylene-d12	24.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	97
2	Heptacosane	380	C27H56	000593-49-7	96
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octacosane	394	C28H58	000630-02-4	87
5	Hexacosane	366	C26H54	000630-01-3	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
Data File : BN034629.D
Acq On : 17 Oct 2024 19:56
Operator : RC/JU
Sample : P4360-05
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4FC8

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.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
Cyclohexene	3.028	7.4	ng/ul	552278	1	7.663	1492180	20.0
Benzophenone	15.663	3.0	ng/ul	398055	3	14.298	2624100	20.0
Anthracene, 2-m...	17.969	3.4	ng/ul	507280	4	17.039	2953610	20.0
4b,8-Dimethyl-2...	18.680	9.9	ng/ul	1460360	4	17.039	2953610	20.0
1,2-Cyclohexane...	20.963	2.9	ng/ul	608196	5	21.263	4186470	20.0
(DEL) Alkane: S...	23.457	5.9	ng/ul	1008350	6	24.157	3436580	20.0