LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071323\
Data File : BP016202.D
Acq On : 13 Jul 2023 10:32
Operator : MA/JU
Sample : 03414-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4667

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-BP071223.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP016202.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.287	14	17	19	rBV	29851	34060	0.28%	0.019%
2	3.317	19	22	37	rVB	146700	253546	2.10%	0.142%
3	3.781	96	101	108	rBV	21355	40952	0.34%	0.023%
4	3.952	125	130	135	rVB7	8465	16878	0.14%	0.009%
5	4.058	144	148	154	rBV2	14220	25531	0.21%	0.014%
6	4.399	201	206	244	rBV	2225911	3725242	30.82%	2.089%
7	5.028	307	313	340	rBV	793172	1484618	12.28%	0.832%
8	7.122	661	669	670	rBV	438869	536412	4.44%	0.301%
9	7.175	670	678	694	rVV2	704974	3036317	25.12%	1.702%
10	7.299	694	699	721	rVB	342593	875676	7.25%	0.491%
11	7.493	726	732	735	rVV	501301	853775	7.06%	0.479%
12	7.528	735	738	761	rVB	472768	1058791	8.76%	0.594%
13	7.969	806	813	839	rBV	341666	925452	7.66%	0.519%
14	8.716	933	940	948	rBV2	422923	1058994	8.76%	0.594%
15	8.787	948	952	973	rVB	556445	1244941	10.30%	0.698%
16	9.163	1009	1016	1020	rBV	449805	873466	7.23%	0.490%
17	9.205	1020	1023	1047	rVB	338142	957270	7.92%	0.537%
18	9.481	1064	1070	1077	rVB8	7561	15303	0.13%	0.009%
19	9.893	1133	1140	1142	rBV	322551	534264	4.42%	0.300%
20	10.487	1229	1241	1277	rBV3	525098	2639401	21.84%	1.480%
21	10.740	1279	1284	1285	rVV5	16758	30686	0.25%	0.017%
22	10.787	1285	1292	1297	rVV	749345	1482630	12.27%	0.831%
23	10.840	1297	1301	1319	rVV	623879	1282455	10.61%	0.719%
24	10.987	1319	1326	1338	rVV	349588	1131309	9.36%	0.634%
25	11.087	1338	1343	1365	rVB2	830403	1514633	12.53%	0.849%
26	12.116	1511	1518	1550	rBV	782460	2380204	19.69%	1.335%
27	12.340	1552	1556	1563	rVV3	24151	67358	0.56%	0.038%
28	12.399	1563	1566	1572	rVV3	21174	41785	0.35%	0.023%
29	12.669	1604	1612	1629	rBV	1200419	2051748	16.98%	1.150%
30	12.822	1632	1638	1657	rVB	734458	1402976	11.61%	0.787%
31	13.087	1676	1683	1696	rBV	821913	1983968	16.42%	1.112%
32	13.193	1696	1701	1725	rVB2	81904	345121	2.86%	0.194%
33	13.451	1733	1745	1751	rBV	1396437	2568126	21.25%	1.440%
34	13.504	1751	1754	1775	rVB	716831	1538186	12.73%	0.862%
35	13.993	1831	1837	1838	rBV2	14939	19836	0.16%	0.011%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071323\
Data File : BP016202.D
Acq On : 13 Jul 2023 10:32
Operator : MA/JU
Sample : 03414-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4667

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-BP071223.MA.M
Title : SVOA CALIBRATION

36	14.034	1838	1844	1848	rVV	1657940	2580003	21.35%	1.447%
37	14.081	1848	1852	1866	rVB	973316	1747865	14.46%	0.980%
38	14.240	1873	1879	1887	rBV	637530	1370486	11.34%	0.768%
39	14.316	1887	1892	1915	rVV	1833993	2978638	24.65%	1.670%
40	14.616	1936	1943	1949	rBV	1473605	2182869	18.06%	1.224%
41	14.681	1949	1954	1969	rVB	1653698	2485227	20.56%	1.393%
42	14.916	1986	1994	2008	rBV3	446403	1750012	14.48%	0.981%
43	15.034	2008	2014	2036	rVB	1011281	2225250	18.41%	1.248%
44	15.281	2050	2056	2071	rBV	977724	1723705	14.26%	0.966%
45	15.440	2079	2083	2093	rVB2	31258	52207	0.43%	0.029%
46	15.622	2107	2114	2118	rBV	2571312	3890863	32.19%	2.182%
47	15.663	2118	2121	2137	rVV	1177770	1722237	14.25%	0.966%
48	15.804	2137	2145	2171	rVV3	1171186	3591677	29.72%	2.014%
49	15.987	2171	2176	2192	rVB	693545	995330	8.24%	0.558%
50	16.398	2244	2246	2254	rVB9	7644	12686	0.10%	0.007%
51	16.545	2266	2271	2278	rBV	148752	223505	1.85%	0.125%
52	16.675	2287	2293	2304	rBV2	1521089	2255524	18.66%	1.265%
53	16.781	2309	2311	2318	rVB8	8763	15787	0.13%	0.009%
54	17.045	2349	2356	2377	rBV	1026492	2403812	19.89%	1.348%
55	17.216	2382	2385	2391	rVB2	26455	40745	0.34%	0.023%
56	17.381	2405	2413	2417	rBV	2125079	2971994	24.59%	1.666%
57	17.422	2417	2420	2426	rVV	2134032	2899618	23.99%	1.626%
58	17.487	2426	2431	2434	rVV	2646144	4351367	36.00%	2.440%
59	17.522	2434	2437	2454	rVB	1811720	3677819	30.43%	2.062%
60	17.810	2480	2486	2494	rBV	1563890	2653132	21.95%	1.488%
61	17.887	2494	2499	2512	rVV	1208854	2553800	21.13%	1.432%
62	17.986	2513	2516	2525	rVB	56667	116487	0.96%	0.065%
63	18.128	2537	2540	2544	rVB5	17391	22747	0.19%	0.013%
64	18.245	2555	2560	2567	rBV	365718	699215	5.79%	0.392%
65	18.316	2567	2572	2586	rVB	2138041	2837483	23.48%	1.591%
66	18.639	2623	2627	2631	rBV	50991	58769	0.49%	0.033%
67	19.292	2734	2738	2742	rBV2	54101	72986	0.60%	0.041%
68	19.392	2743	2755	2765	rVV	5859148	8255396	68.31%	4.629%
69	19.475	2765	2769	2781	rVB	160441	322998	2.67%	0.181%
70	19.633	2793	2796	2800	rBV2	38149	52605	0.44%	0.029%
71	19.716	2805	2810	2813	rVV	4017770	6171896	51.07%	3.461%
72	19.745	2813	2815	2833	rVB	3452052	6108295	50.54%	3.425%
73	20.192	2889	2891	2895	rBV3	44619	51253	0.42%	0.029%
74	20.598	2955	2960	2970	rBV	2308951	2823123	23.36%	1.583%
75	20.675	2971	2973	2976	rVV3	49717	50219	0.42%	0.028%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071323\
Data File : BP016202.D
Acq On : 13 Jul 2023 10:32
Operator : MA/JU
Sample : 03414-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4667

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-BP071223.MA.M
Title : SVOA CALIBRATION

76	21.128	3048	3050	3052	rBV2	83620	95917	0.79%	0.054%
77	21.169	3052	3057	3071	rVB3	325079	985906	8.16%	0.553%
78	21.339	3082	3086	3093	rBV	4040178	4326795	35.80%	2.426%
79	21.463	3101	3107	3113	rBV2	5994381	11459240	94.82%	6.425%
80	21.522	3113	3117	3133	rVB	2977711	6521260	53.96%	3.656%
81	22.692	3313	3316	3322	rVB	253481	337852	2.80%	0.189%
82	23.210	3397	3404	3422	rBV	3520264	6693151	55.38%	3.753%
83	23.810	3499	3506	3511	rBV2	3135799	6953231	57.53%	3.899%
84	23.863	3511	3515	3528	rVV	2233103	5685482	47.04%	3.188%
85	23.986	3529	3536	3553	rVB2	1426317	4176083	34.55%	2.341%
86	26.621	3973	3984	4025	rVB	2597504	12085745	100.00%	6.776%

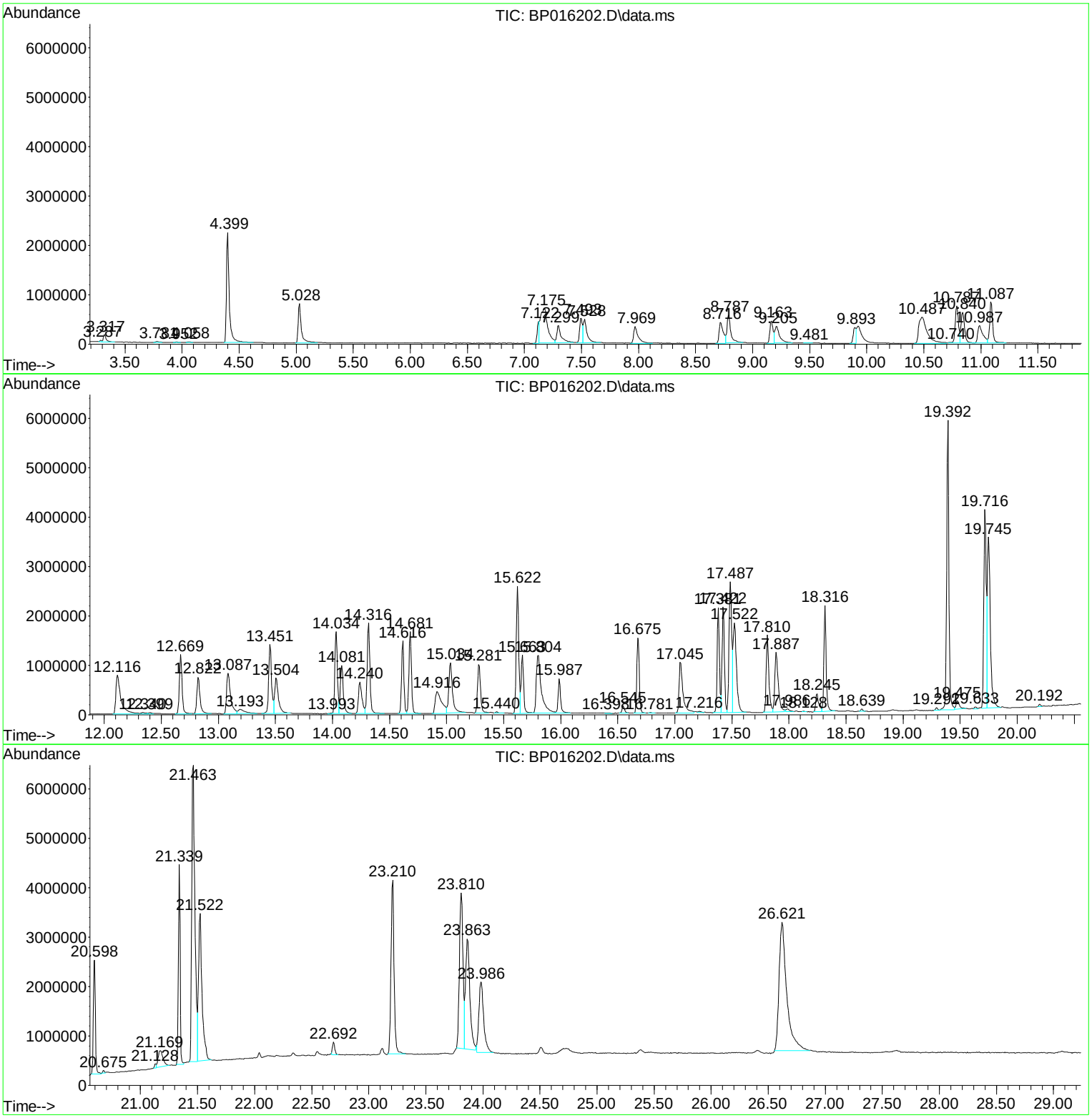
Sum of corrected areas: 178352202

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071323\
Data File : BP016202.D
Acq On : 13 Jul 2023 10:32
Operator : MA/JU
Sample : 03414-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4667

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.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\BP071323\
Data File : BP016202.D
Acq On : 13 Jul 2023 10:32
Operator : MA/JU
Sample : 03414-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4667

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

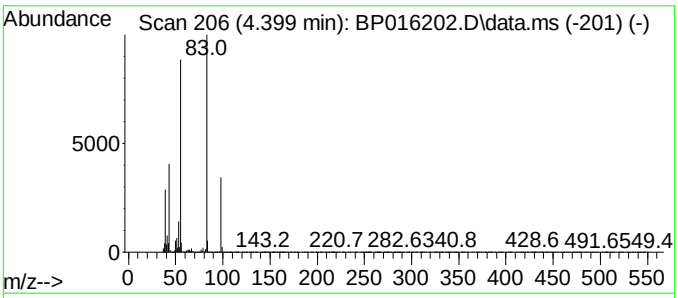
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

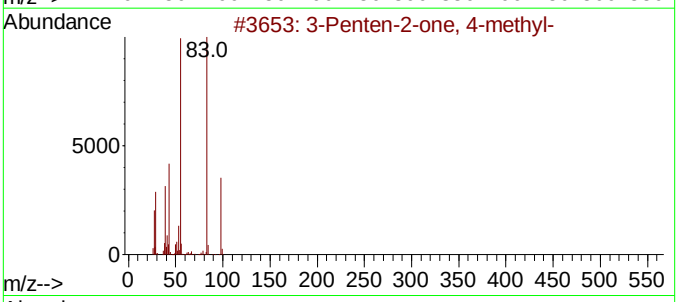
****

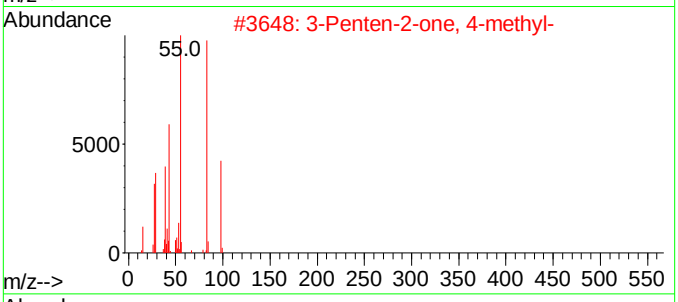
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 1

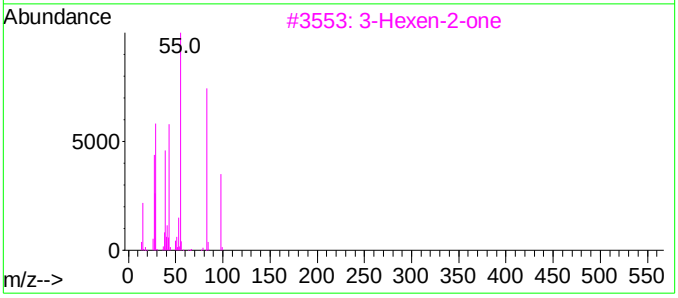
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.399	80.51 ng/ul	3725240	1,4-Dichlorobenzene-d4	7.969

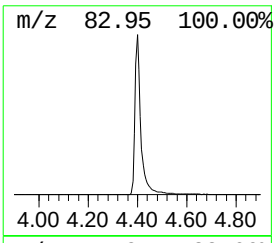
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	94
3	3-Hexen-2-one	98	C6H10O	000763-93-9	91
4	3-Hexen-2-one	98	C6H10O	000763-93-9	91
5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91

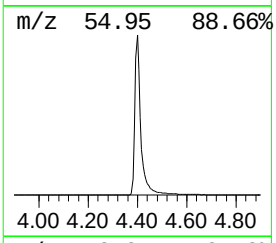


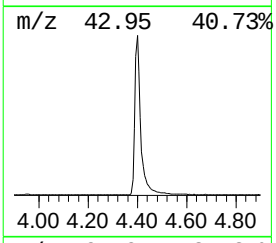


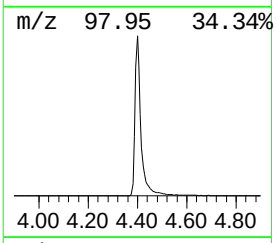


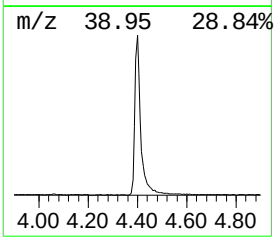












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071323\
Data File : BP016202.D
Acq On : 13 Jul 2023 10:32
Operator : MA/JU
Sample : 03414-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4667

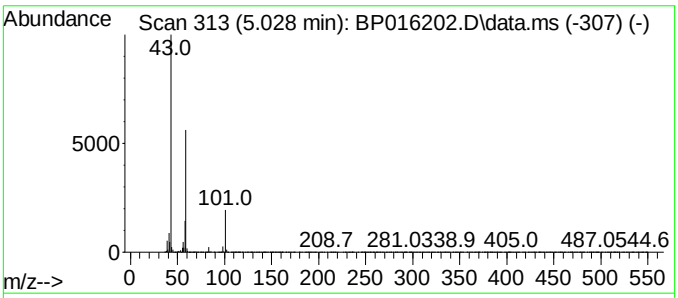
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

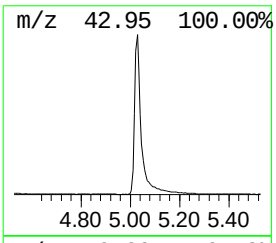
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

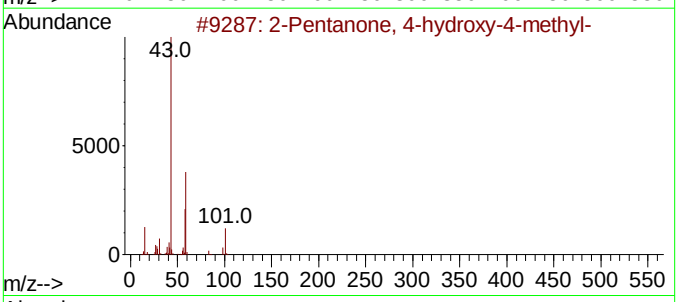
****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

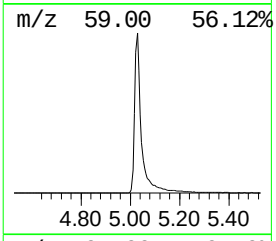
R.T.	EstConc	Area	Relative to ISTD	R.T.
5.028	32.08 ng/ul	1484620	1,4-Dichlorobenzene-d4	7.969

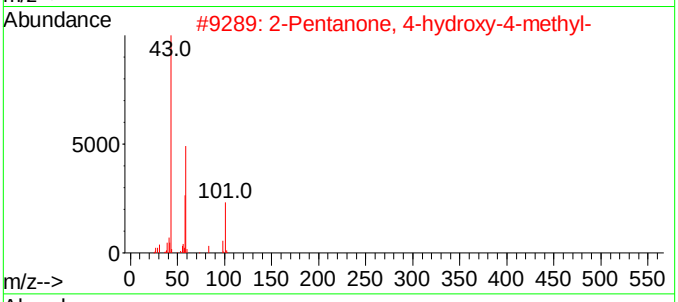
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17

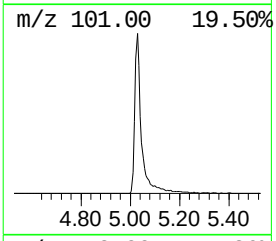


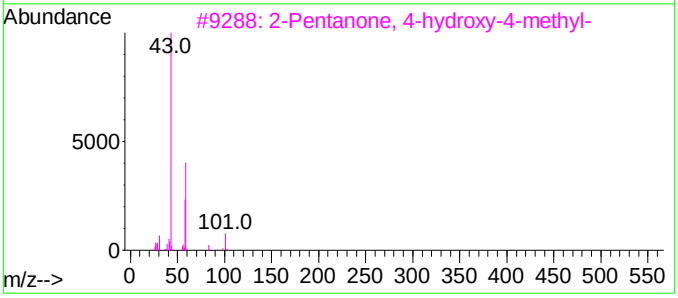


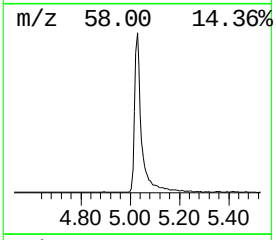


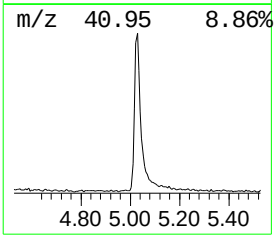












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071323\
Data File : BP016202.D
Acq On : 13 Jul 2023 10:32
Operator : MA/JU
Sample : 03414-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4667

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

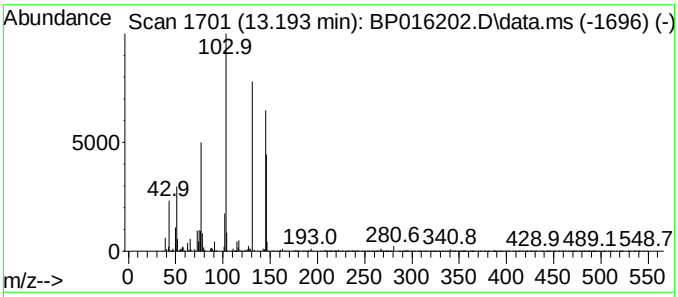
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

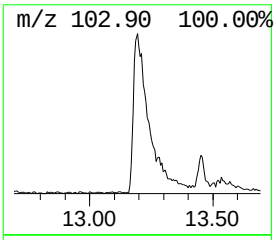
****

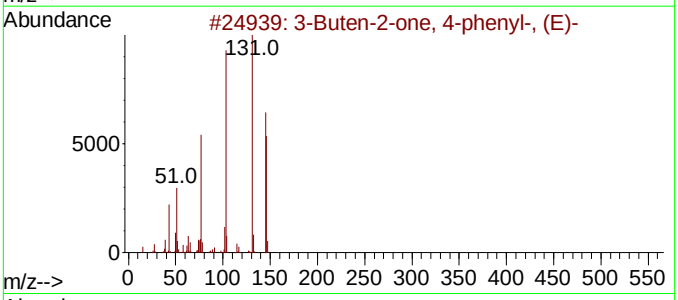
Peak Number 3 3-Buten-2-one, 4-phenyl-, (E)- Concentration Rank 6

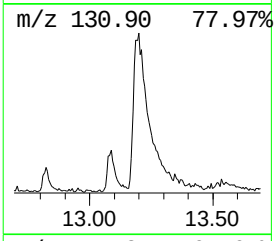
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.193	3.16 ng/ul	345121	Acenaphthene-d10	14.616

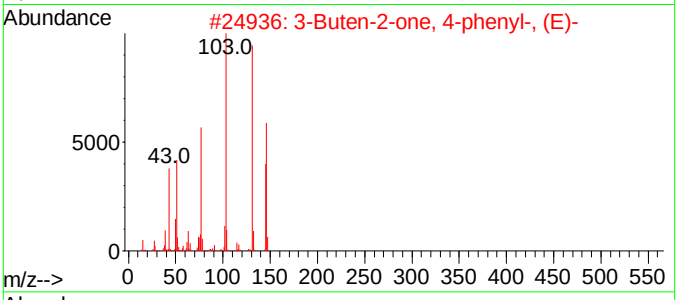
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	97
2	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	93
3	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	93
4	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	90
5	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	90

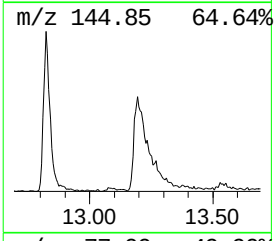


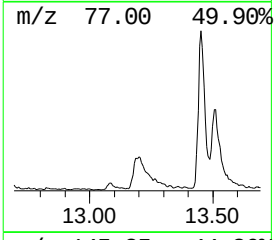


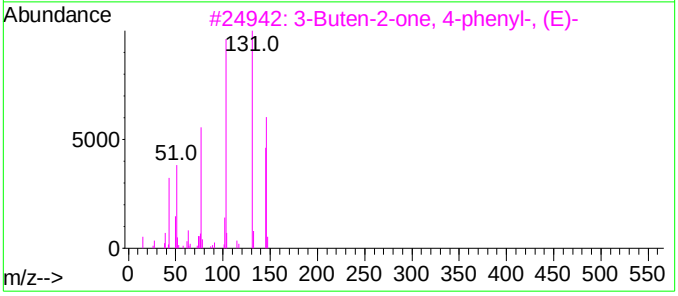


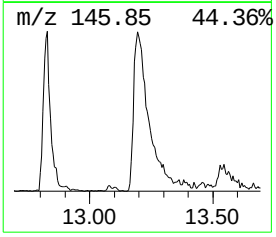












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071323\
Data File : BP016202.D
Acq On : 13 Jul 2023 10:32
Operator : MA/JU
Sample : 03414-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4667

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

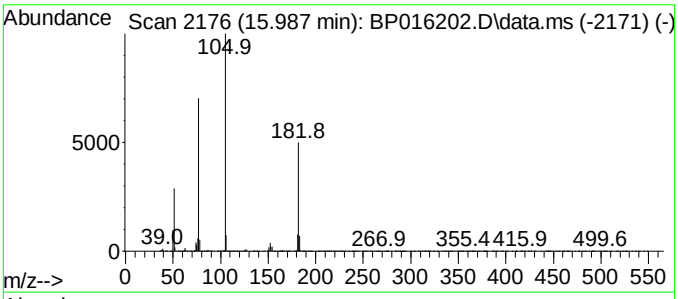
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

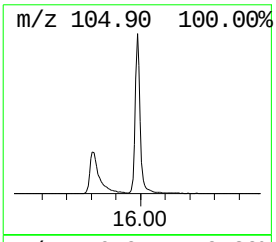
****

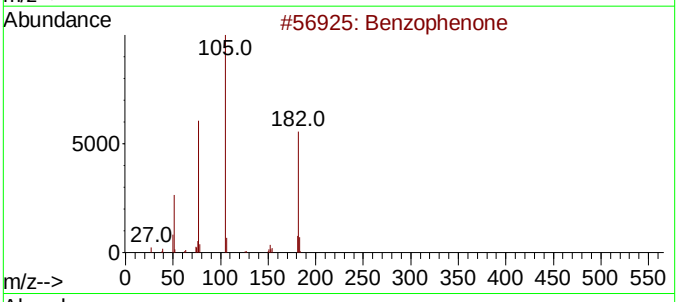
Peak Number 4 Benzophenone Concentration Rank 4

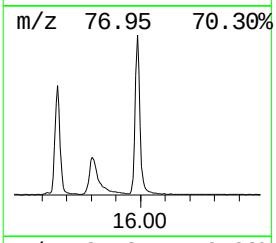
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.987	9.12 ng/ul	995330	Acenaphthene-d10	14.616

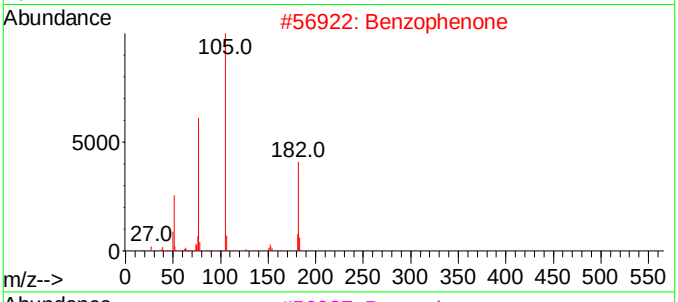
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Methanone, phenyl-2-pyridinyl-	183	C12H9NO	000091-02-1	78

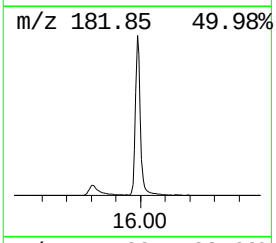


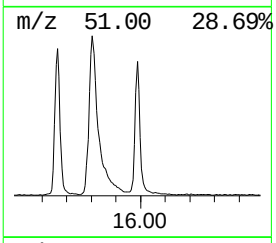


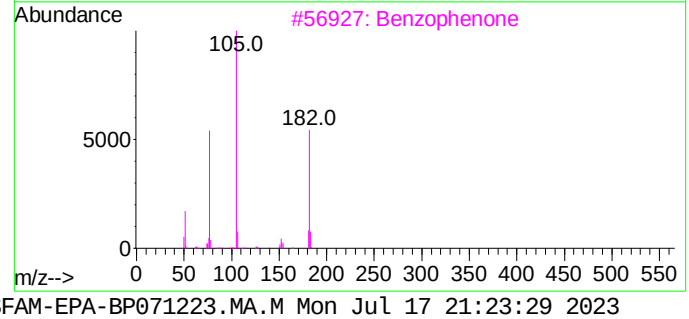


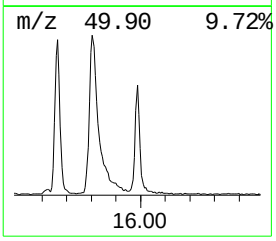












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071323\
Data File : BP016202.D
Acq On : 13 Jul 2023 10:32
Operator : MA/JU
Sample : 03414-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4667

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

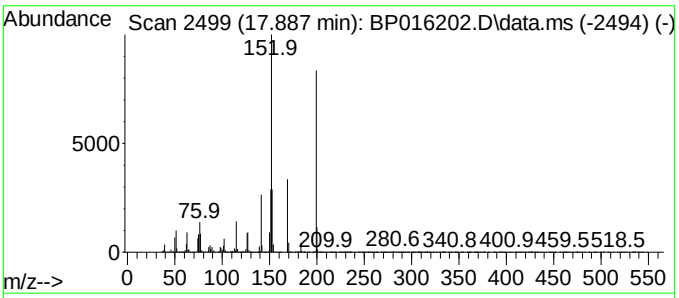
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

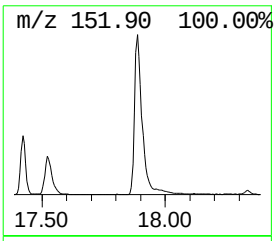
****

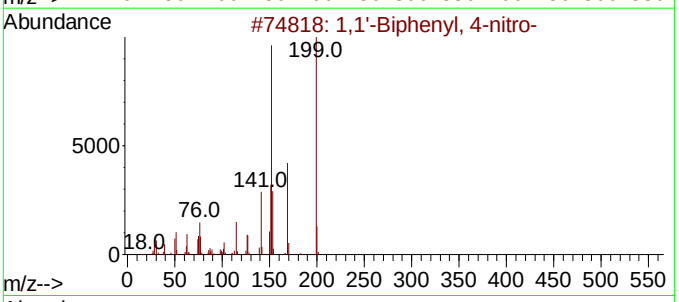
Peak Number 5 1,1'-Biphenyl, 4-nitro- Concentration Rank 3

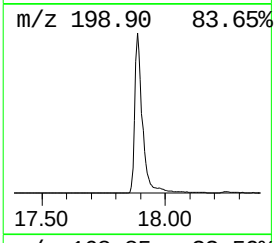
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.887	17.19 ng/ul	2553800	Phenanthrene-d10	17.381

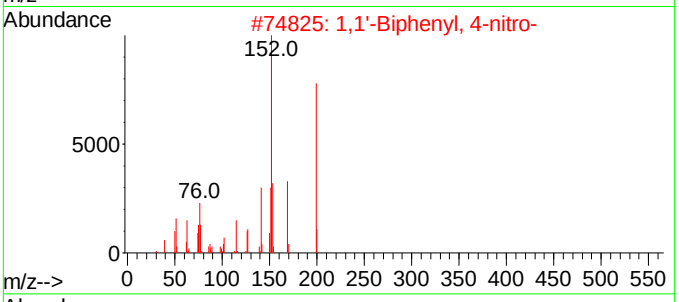
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	99
2	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	98
3	1,1'-Biphenyl, 4-nitro-	199	C12H9NO2	000092-93-3	96
4	1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	90
5	1,1'-Biphenyl, 3-nitro-	199	C12H9NO2	002113-58-8	89

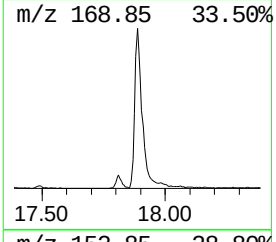


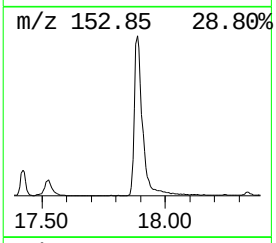


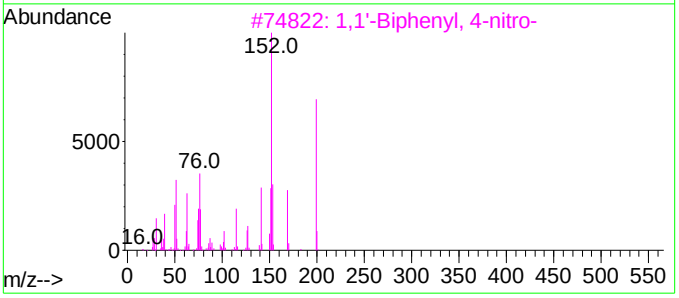


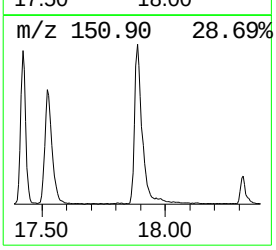












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071323\
Data File : BP016202.D
Acq On : 13 Jul 2023 10:32
Operator : MA/JU
Sample : 03414-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4667

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.MA.M
Quant Title : SVOA CALIBRATION

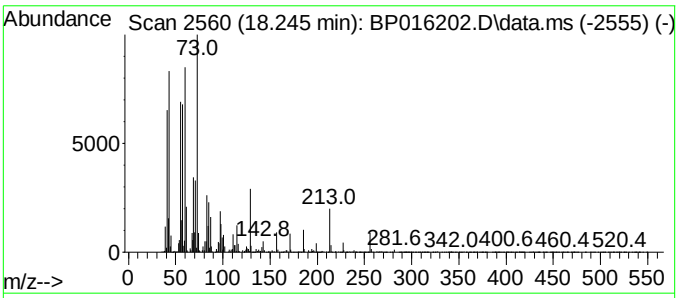
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

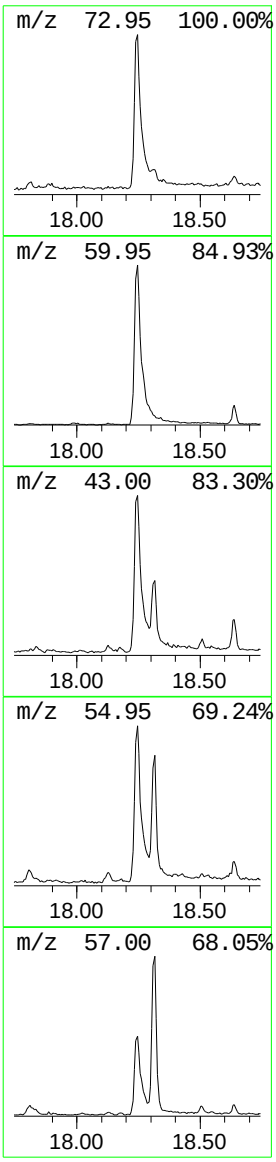
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	4.71 ng/ul	699215	Phenanthrene-d10	17.381

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071323\
Data File : BP016202.D
Acq On : 13 Jul 2023 10:32
Operator : MA/JU
Sample : 03414-23
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4667

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071223.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
3-Penten-2-one,...	4.399	80.5	ng/ul	3725240	1	7.969	925452	20.0
2-Pentanone, 4-...	5.028	32.1	ng/ul	1484620	1	7.969	925452	20.0
3-Buten-2-one, ...	13.193	3.2	ng/ul	345121	3	14.616	2182870	20.0
Benzophenone	15.987	9.1	ng/ul	995330	3	14.616	2182870	20.0
1,1'-Biphenyl, ...	17.887	17.2	ng/ul	2553800	4	17.381	2971990	20.0
n-Hexadecanoic ...	18.245	4.7	ng/ul	699215	4	17.381	2971990	20.0