

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012425\
 Data File : BM049438.D
 Acq On : 24 Jan 2025 16:35
 Operator : RC/JU
 Sample : Q1086-19
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AE4

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_M\Methods\SFAM-EPA-BM011325.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM049438.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.087	13	17	20	rBV	83398	115361	2.86%	0.233%
2	3.116	20	22	24	rVV	69002	72758	1.80%	0.147%
3	3.152	24	28	40	rVB	322629	433159	10.72%	0.876%
4	3.269	45	48	55	rVB	33308	42955	1.06%	0.087%
5	3.522	88	91	98	rBV	29836	48333	1.20%	0.098%
6	3.816	137	141	147	rVB2	15656	25321	0.63%	0.051%
7	3.910	154	157	161	rVB2	19127	24541	0.61%	0.050%
8	4.128	191	194	200	rBV	28238	37802	0.94%	0.076%
9	4.246	211	214	218	rBV	24208	32266	0.80%	0.065%
10	4.293	218	222	233	rVB	105996	166834	4.13%	0.337%
11	4.693	286	290	297	rVB2	16442	24618	0.61%	0.050%
12	4.857	313	318	323	rBV4	16301	32435	0.80%	0.066%
13	4.993	336	341	347	rVB	33945	46598	1.15%	0.094%
14	5.434	412	416	422	rVB	18190	27575	0.68%	0.056%
15	5.940	498	502	511	rVB3	19568	35829	0.89%	0.072%
16	6.287	557	561	566	rBV6	6042	11673	0.29%	0.024%
17	6.528	597	602	603	rBV5	7373	12606	0.31%	0.025%
18	6.710	624	633	645	rVB3	165315	412269	10.21%	0.833%
19	6.863	653	659	672	rBV	563862	890470	22.04%	1.800%
20	7.057	685	692	701	rBV	533558	841322	20.83%	1.701%
21	7.516	763	770	779	rBV	903606	1383180	34.24%	2.796%
22	7.598	779	784	787	rVV3	35146	66094	1.64%	0.134%
23	7.628	787	789	797	rVB2	32589	51392	1.27%	0.104%
24	7.763	809	812	817	rBV5	8790	13520	0.33%	0.027%
25	8.228	884	891	899	rBV	400560	636760	15.76%	1.287%
26	8.657	957	964	972	rBV	609905	977700	24.20%	1.976%
27	8.828	991	993	1000	rVB7	10666	18961	0.47%	0.038%
28	9.104	1035	1040	1046	rVB2	47782	74379	1.84%	0.150%
29	9.234	1057	1062	1072	rBV	109187	203889	5.05%	0.412%
30	9.369	1078	1085	1097	rBV	428701	711908	17.62%	1.439%
31	9.910	1170	1177	1195	rVB	640404	1128723	27.94%	2.282%
32	10.275	1232	1239	1247	rBV	1161587	1851465	45.83%	3.743%
33	10.428	1262	1265	1274	rVB3	16303	37455	0.93%	0.076%
34	10.675	1299	1307	1310	rBV7	7231	16476	0.41%	0.033%
35	10.845	1330	1336	1345	rVB4	26283	49976	1.24%	0.101%
36	11.592	1458	1463	1470	rVB4	6474	11772	0.29%	0.024%

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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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
 Title : SVOA CALIBRATION

37	11.716	1478	1484	1487	rBV6	7618	12218	0.30%	0.025%
38	11.822	1492	1502	1509	rBV	145843	273528	6.77%	0.553%
39	11.875	1509	1511	1517	rVB3	14519	18096	0.45%	0.037%
40	12.704	1648	1652	1658	rVV6	7736	13334	0.33%	0.027%
41	12.769	1658	1663	1670	rVB3	20140	32729	0.81%	0.066%
42	12.880	1677	1682	1688	rBV	66758	100729	2.49%	0.204%
43	12.998	1697	1702	1707	rVB	32275	44459	1.10%	0.090%
44	13.575	1794	1800	1811	rVV	1486812	2055722	50.89%	4.155%
45	13.663	1812	1815	1818	rVV5	10339	14391	0.36%	0.029%
46	13.704	1818	1822	1828	rVB7	6998	12180	0.30%	0.025%
47	13.839	1838	1845	1859	rVV	1306408	1997762	49.46%	4.038%
48	14.016	1869	1875	1881	rBV5	12580	25312	0.63%	0.051%
49	14.080	1881	1886	1891	rVB3	19398	26984	0.67%	0.055%
50	14.157	1891	1899	1910	rBV	1725920	2532337	62.69%	5.119%
51	14.392	1930	1939	1952	rBV2	67575	183768	4.55%	0.371%
52	14.604	1968	1975	1982	rVB9	9363	20314	0.50%	0.041%
53	14.998	2034	2042	2046	rBV3	10839	24023	0.59%	0.049%
54	15.039	2046	2049	2053	rVB3	24842	31352	0.78%	0.063%
55	15.157	2061	2069	2081	rBV	2208936	3142719	77.80%	6.353%
56	15.280	2084	2090	2104	rBV	545465	751887	18.61%	1.520%
57	15.392	2106	2109	2114	rVB4	8082	10813	0.27%	0.022%
58	15.527	2122	2132	2142	rBV	2621567	3572560	88.44%	7.222%
59	15.733	2159	2167	2172	rBV10	10636	20055	0.50%	0.041%
60	15.851	2181	2187	2193	rBV9	10079	22113	0.55%	0.045%
61	15.904	2193	2196	2199	rVV4	11957	16084	0.40%	0.033%
62	16.092	2222	2228	2237	rVV	410215	545597	13.51%	1.103%
63	16.339	2266	2270	2277	rVB4	31984	47066	1.17%	0.095%
64	16.439	2283	2287	2291	rVB2	21207	27690	0.69%	0.056%
65	16.580	2307	2311	2316	rVB7	6470	10963	0.27%	0.022%
66	16.698	2327	2331	2332	rBV2	16479	20442	0.51%	0.041%
67	16.727	2332	2336	2346	rVB	50097	78103	1.93%	0.158%
68	16.839	2350	2355	2356	rBV2	12725	16060	0.40%	0.032%
69	16.857	2356	2358	2360	rVV2	17097	19721	0.49%	0.040%
70	16.904	2360	2366	2377	rVV2	2111671	3014754	74.63%	6.094%
71	17.004	2377	2383	2394	rVV	1394084	1942390	48.09%	3.926%
72	17.110	2397	2401	2407	rVB5	28188	39072	0.97%	0.079%
73	17.215	2414	2419	2426	rVB	121557	152994	3.79%	0.309%
74	17.321	2435	2437	2441	rVV4	8988	13343	0.33%	0.027%
75	17.433	2452	2456	2459	rBV4	12140	15047	0.37%	0.030%
76	17.610	2480	2486	2492	rVB2	132758	187107	4.63%	0.378%

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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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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77	17.698	2497	2501	2510	rBV6	26771	50289	1.24%	0.102%
78	17.774	2510	2514	2518	rBV2	26593	34010	0.84%	0.069%
79	17.839	2519	2525	2539	rBV	1410103	2068224	51.20%	4.181%
80	17.998	2549	2552	2562	rVB3	33516	55897	1.38%	0.113%
81	18.121	2566	2573	2583	rVV5	114473	284421	7.04%	0.575%
82	18.198	2584	2586	2593	rVV4	28073	41427	1.03%	0.084%
83	18.268	2593	2598	2599	rVV2	81831	105496	2.61%	0.213%
84	18.292	2599	2602	2609	rVB2	117022	179987	4.46%	0.364%
85	18.386	2616	2618	2621	rVB4	12902	12963	0.32%	0.026%
86	18.510	2636	2639	2640	rBV2	12121	13637	0.34%	0.028%
87	18.539	2641	2644	2648	rVB2	43481	57713	1.43%	0.117%
88	18.674	2659	2667	2671	rBV	188801	374298	9.27%	0.757%
89	18.874	2697	2701	2706	rVB2	31588	41876	1.04%	0.085%
90	18.933	2707	2711	2715	rBV2	56173	99872	2.47%	0.202%
91	18.980	2716	2719	2720	rVV3	18037	19947	0.49%	0.040%
92	18.998	2720	2722	2726	rVB4	29330	39998	0.99%	0.081%
93	19.127	2740	2744	2752	rBV	302041	429831	10.64%	0.869%
94	19.309	2770	2775	2782	rBV	3201558	4039474	100.00%	8.165%
95	19.392	2785	2789	2794	rVB2	126037	151235	3.74%	0.306%
96	20.021	2893	2896	2901	rVB2	171025	200565	4.97%	0.405%
97	20.856	3034	3038	3048	rBV	371854	727599	18.01%	1.471%
98	21.139	3080	3086	3097	rBV	2490615	3342279	82.74%	6.756%
99	23.727	3519	3526	3538	rVB2	995158	2224601	55.07%	4.497%
100	23.915	3550	3558	3574	rVB2	1324006	3221212	79.74%	6.511%

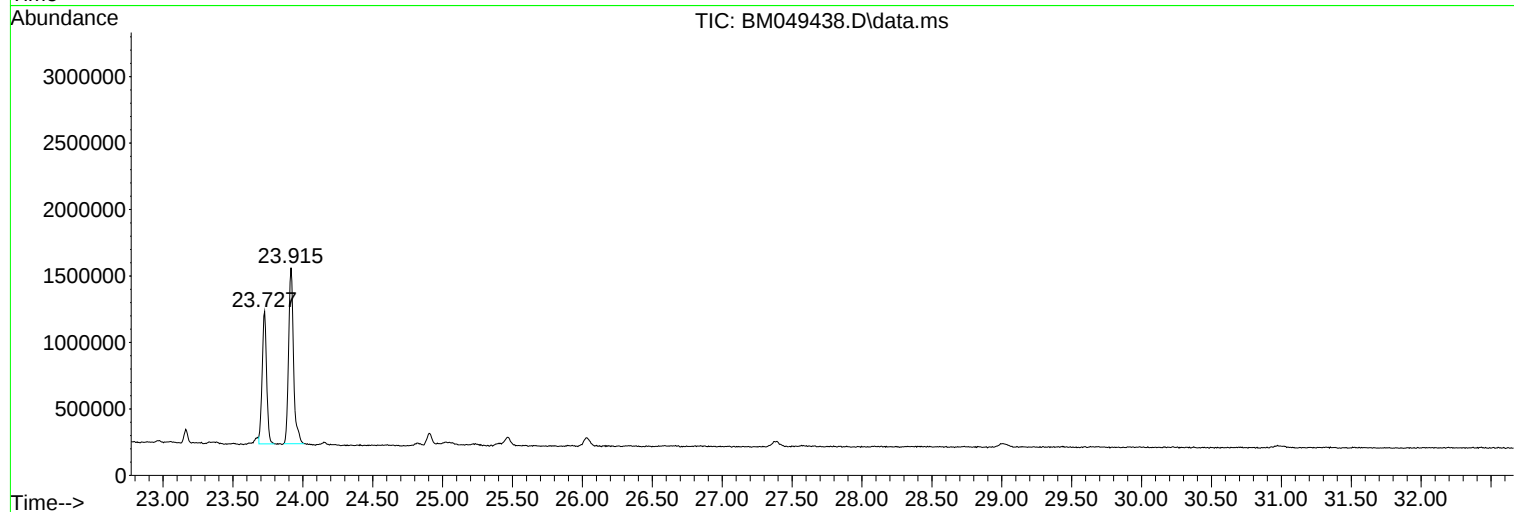
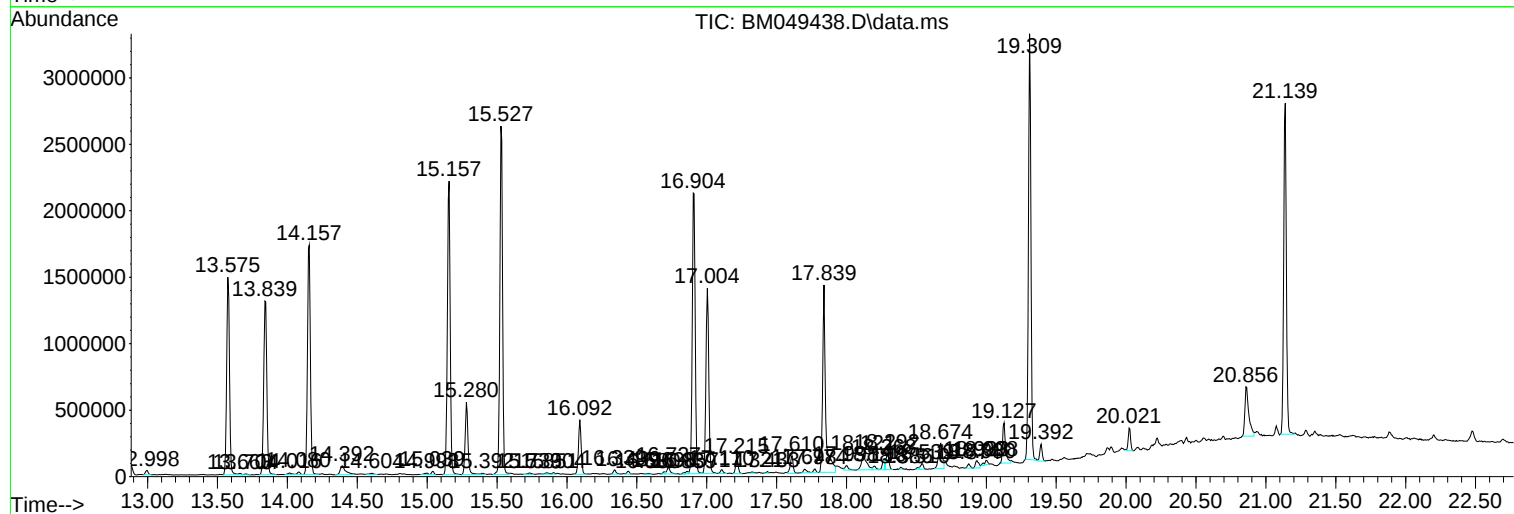
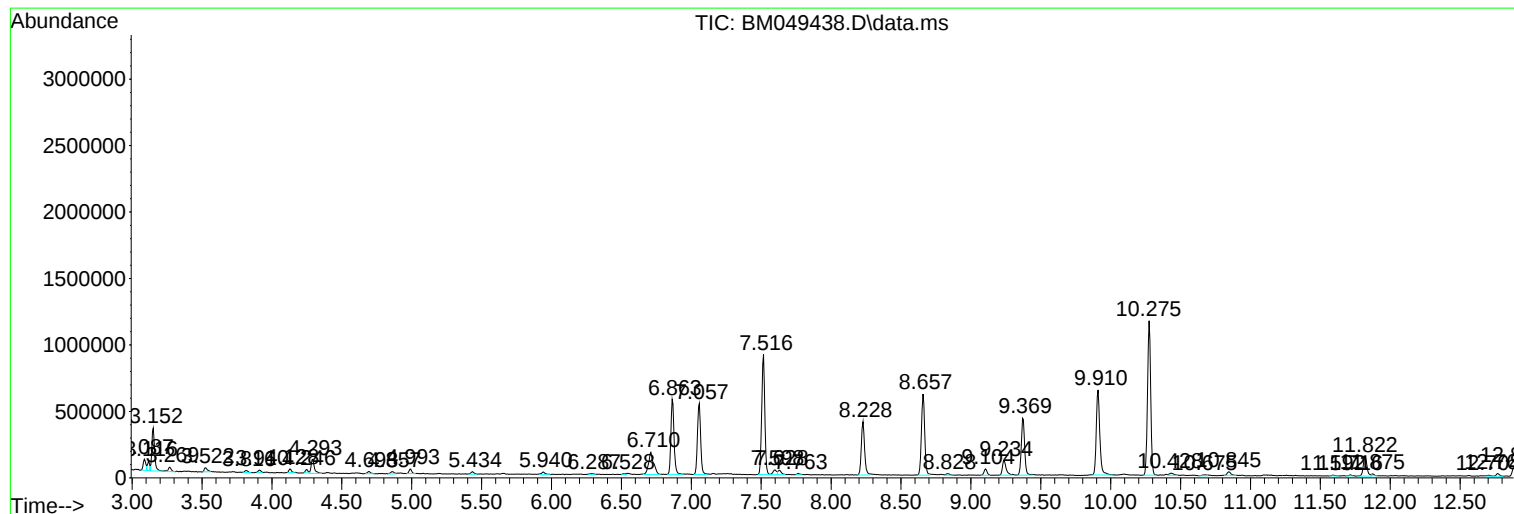
Sum of corrected areas: 49471044

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012425\
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Acq On : 24 Jan 2025 16:35
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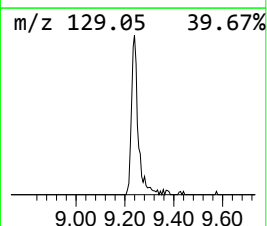
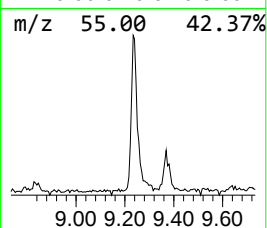
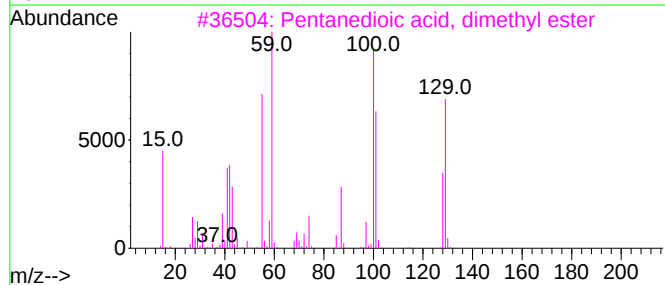
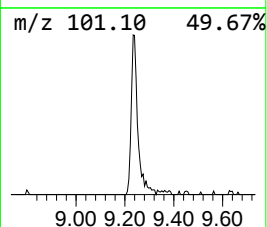
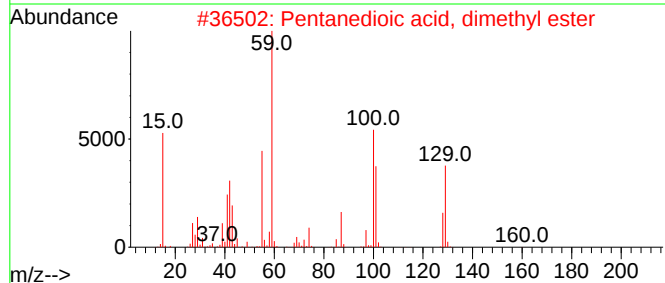
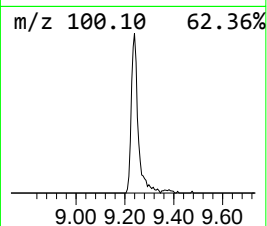
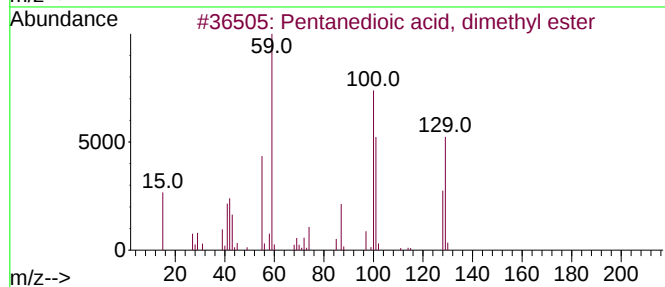
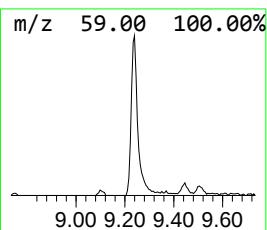
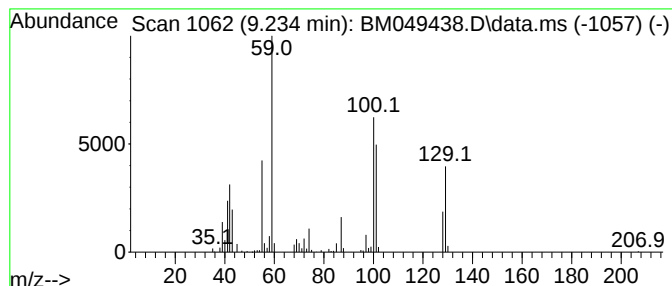
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Pentanedioic acid, dimethyl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.234	2.20 ng/ul	203889	Naphthalene-d8	10.275

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	91
2			Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	90
3			Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	80
4			Pentanedioic acid, dimethyl ester	160	C7H12O4	001119-40-0	59
5			Butanedioic acid, methyl-, dimet...	160	C7H12O4	001604-11-1	53



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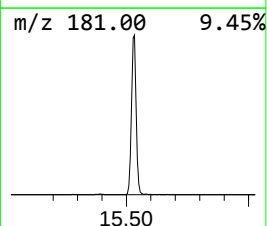
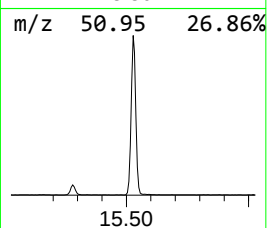
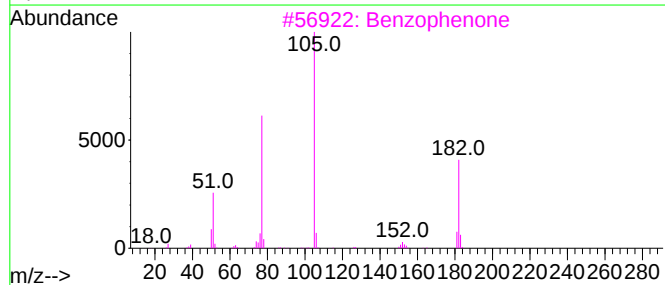
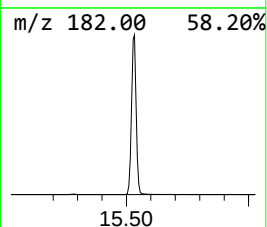
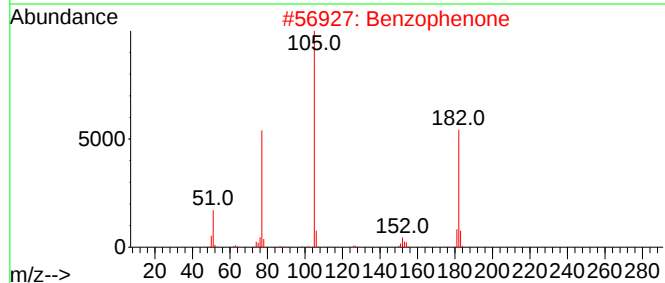
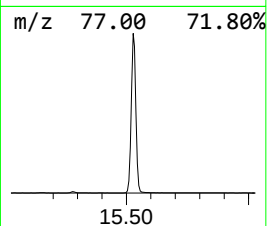
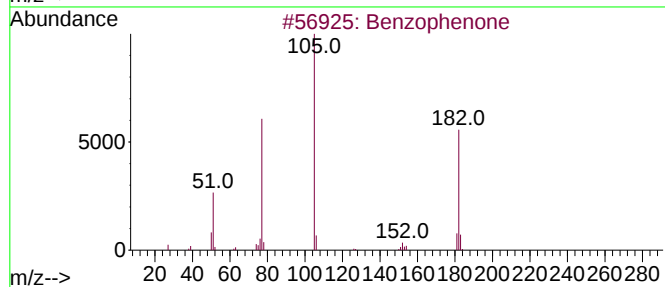
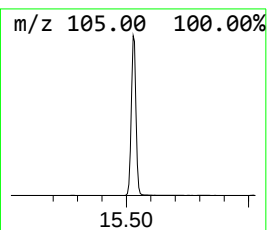
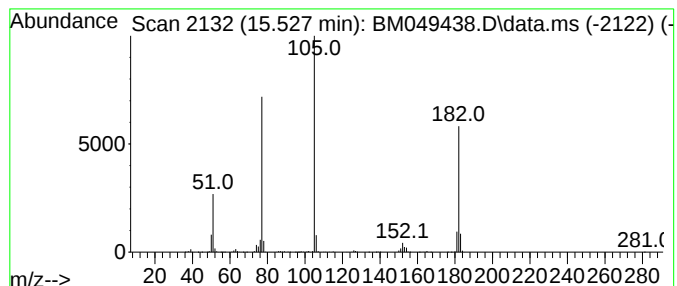
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.527	28.22 ng/ul	3572560	Acenaphthene-d10	14.157

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzophenone	182	C13H10O	000119-61-9	95
3			Benzophenone	182	C13H10O	000119-61-9	94
4			Benzophenone	182	C13H10O	000119-61-9	90
5			Azobenzene	182	C12H10N2	000103-33-3	64



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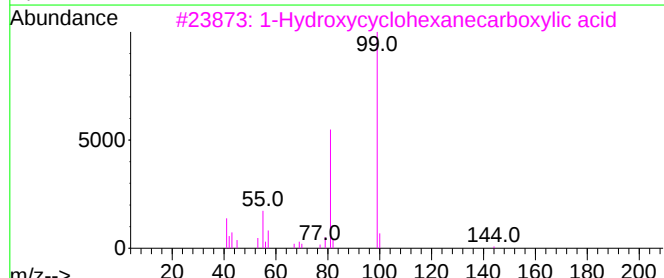
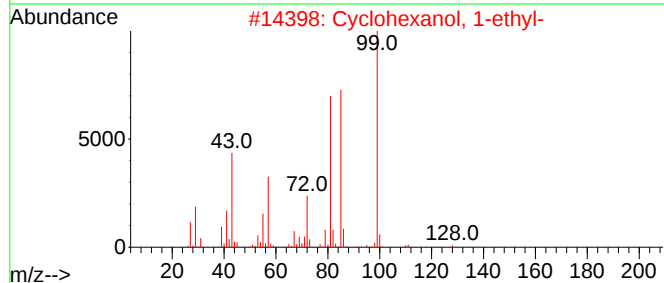
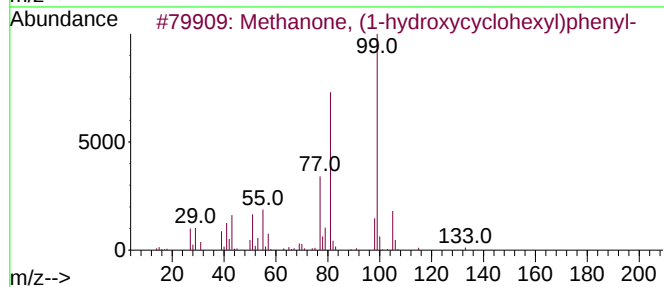
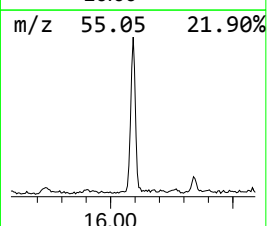
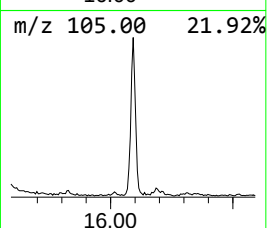
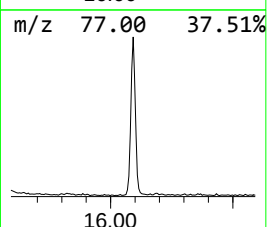
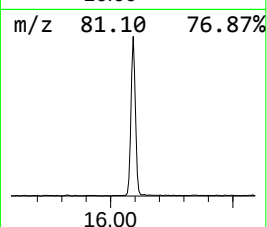
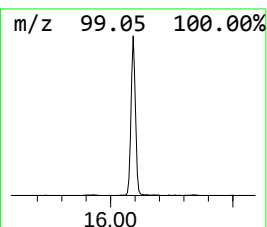
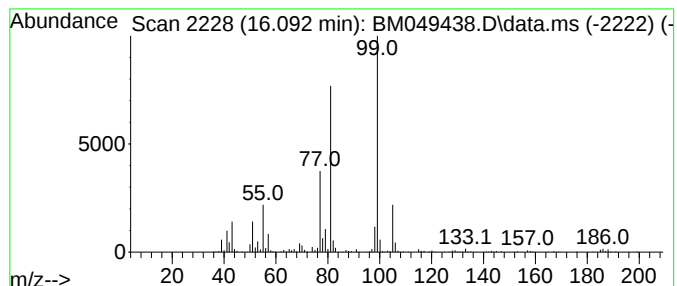
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Methanone, (1-hydroxycyclohexyl) Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.092	3.62 ng/ul	545597	Phenanthrene-d10	16.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	86
2			Cyclohexanol, 1-ethyl-	128	C8H16O	001940-18-7	59
3			1-Hydroxycyclohexanecarboxylic acid	144	C7H12O3	001123-28-0	59
4			3-Methylcyclohexyl methylphospho...	194	C8H16FO2P	113548-86-0	53
5			Methanone, (1-hydroxycyclohexyl)...	204	C13H16O2	000947-19-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012425\
Data File : BM049438.D
Acq On : 24 Jan 2025 16:35
Operator : RC/JU
Sample : Q1086-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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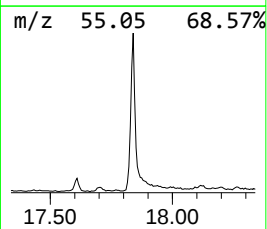
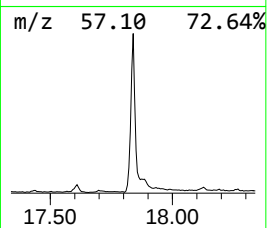
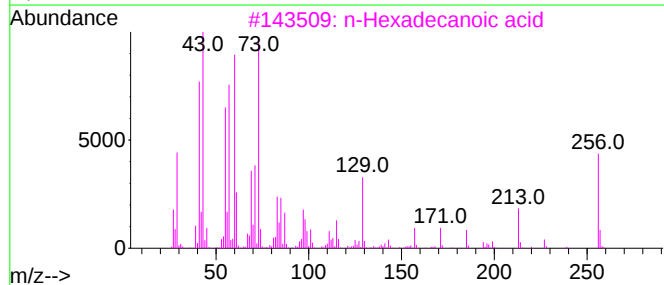
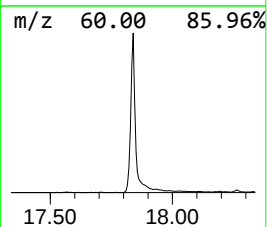
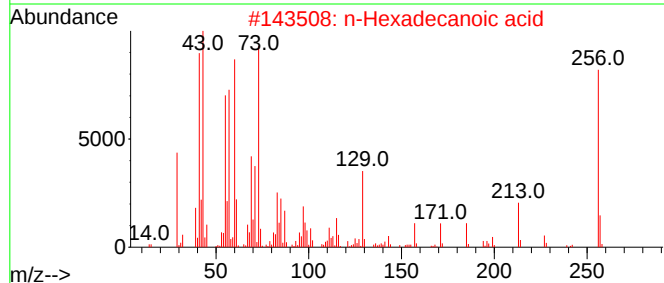
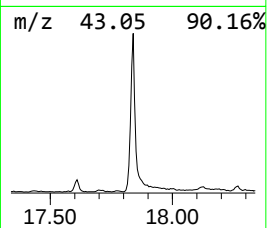
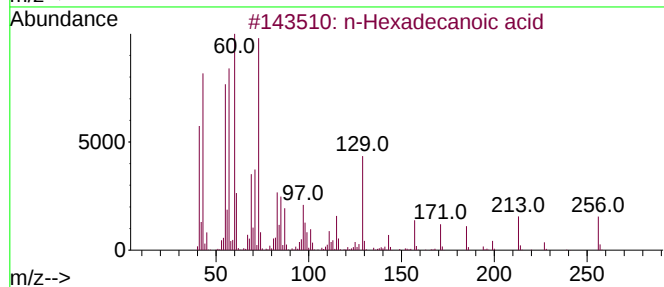
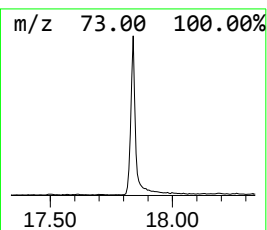
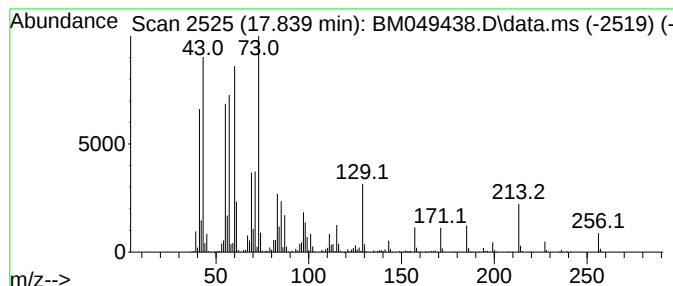
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.839	13.72 ng/ul	2068220	Phenanthrene-d10	16.904

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	97
5			Tridecanoic acid	214	C13H26O2	000638-53-9	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012425\
Data File : BM049438.D
Acq On : 24 Jan 2025 16:35
Operator : RC/JU
Sample : Q1086-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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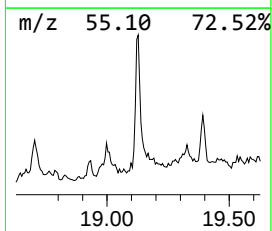
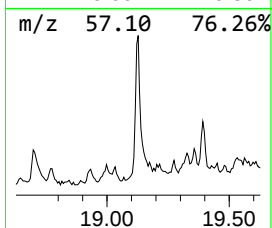
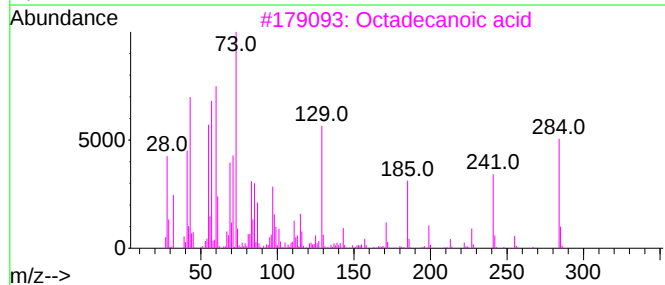
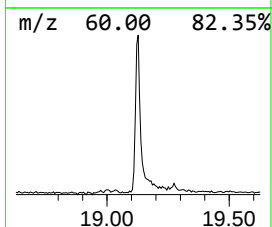
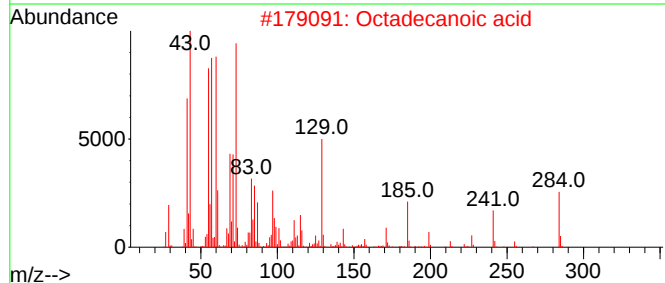
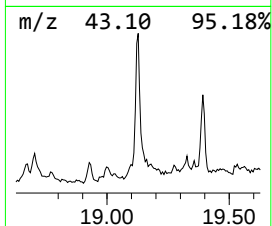
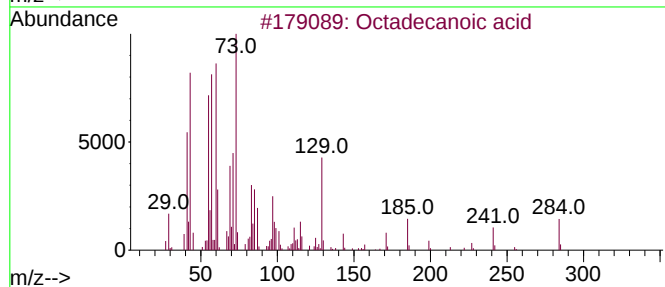
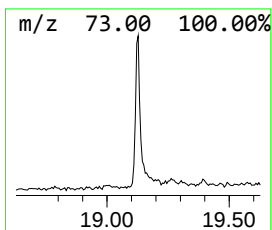
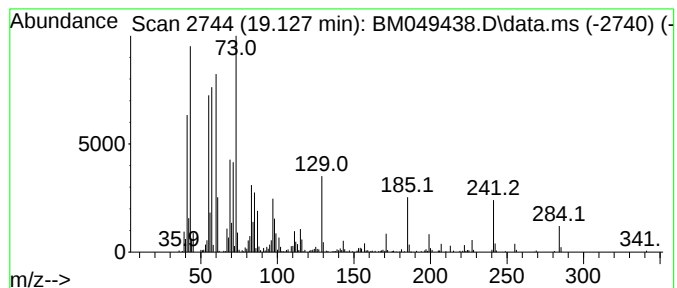
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.127	2.57 ng/ul	429831	Chrysene-d12	21.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	98
3			Octadecanoic acid	284	C18H36O2	000057-11-4	98
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	89
5			Octadecanoic acid	284	C18H36O2	000057-11-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012425\
Data File : BM049438.D
Acq On : 24 Jan 2025 16:35
Operator : RC/JU
Sample : Q1086-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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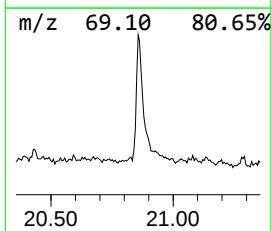
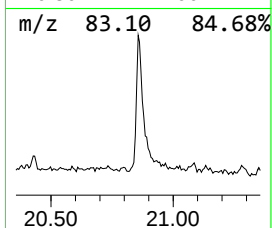
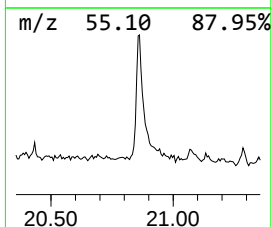
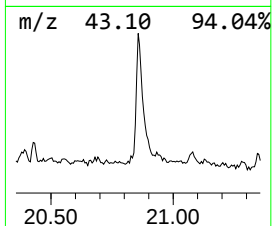
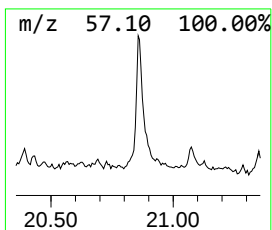
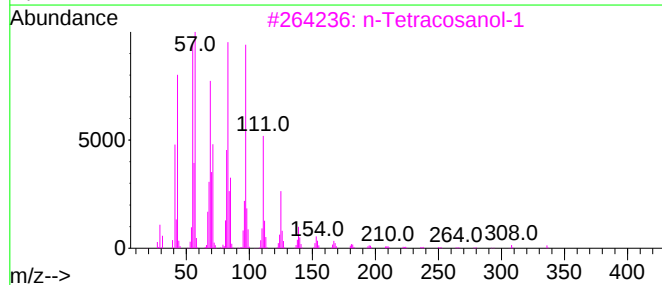
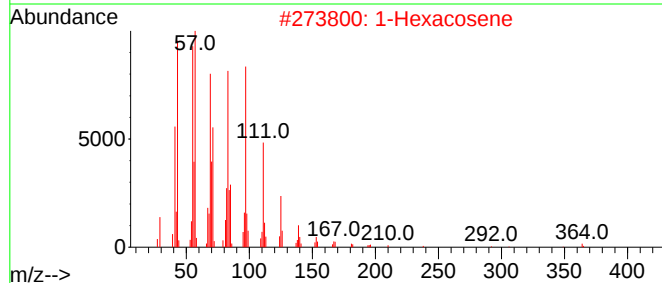
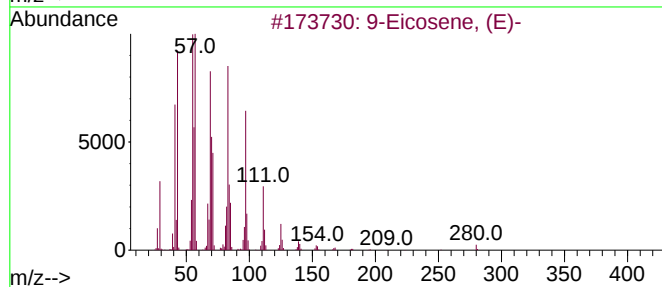
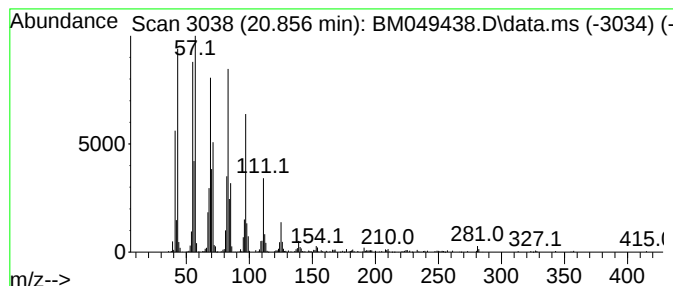
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.856	4.35 ng/ul	727599	Chrysene-d12	21.139

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-		280	C20H40	074685-29-3	94
2	1-Hexacosene		364	C26H52	018835-33-1	94
3	n-Tetracosanol-1		354	C24H50O	000506-51-4	94
4	Behenic alcohol		326	C22H46O	000661-19-8	94
5	3-Eicosene, (E)-		280	C20H40	074685-33-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012425\
Data File : BM049438.D
Acq On : 24 Jan 2025 16:35
Operator : RC/JU
Sample : Q1086-19
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AE4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Benzophenone	15.527	28.2	ng/ul	3572560	3	14.157	2532340	20.0
Methanone, (1-h...	16.092	3.6	ng/ul	545597	4	16.904	3014750	20.0
n-Hexadecanoic ...	17.839	13.7	ng/ul	2068220	4	16.904	3014750	20.0
10,18-Bisnorabi...	18.674	2.5	ng/ul	374298	4	16.904	3014750	20.0
Octadecanoic acid	19.127	2.6	ng/ul	429831	5	21.139	3342280	20.0
(DEL) Alkane: S...	20.856	4.3	ng/ul	727599	5	21.139	3342280	20.0