LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022754.D
Acq On : 31 Oct 2024 03:58
Operator : RC/JU
Sample : P4493-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F28

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-BP100724.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP022754.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.181	30	33	40	rVB	14468	19279	0.92%	0.081%
2	3.334	55	59	61	rBV4	1429	2345	0.11%	0.010%
3	3.599	100	104	115	rBV	158030	255642	12.21%	1.080%
4	3.911	153	157	162	rVB	6458	9239	0.44%	0.039%
5	4.275	215	219	223	rBV6	1421	2301	0.11%	0.010%
6	6.134	528	535	539	rBV9	1748	3560	0.17%	0.015%
7	6.299	555	563	567	rBV9	1723	3985	0.19%	0.017%
8	6.699	626	631	636	rBV8	2281	4010	0.19%	0.017%
9	6.775	639	644	648	rBV2	5656	8989	0.43%	0.038%
10	6.834	648	654	671	rVV	235986	428403	20.47%	1.809%
11	6.981	671	679	689	rVV	192708	296174	14.15%	1.251%
12	7.181	704	713	724	rBV	248855	423818	20.25%	1.790%
13	7.457	757	760	767	rVB9	1075	2248	0.11%	0.009%
14	7.634	782	790	799	rBV	372205	593078	28.34%	2.505%
15	7.710	799	803	811	rVB7	3077	6480	0.31%	0.027%
16	8.346	902	911	926	rBV	311251	554531	26.49%	2.342%
17	8.775	976	984	1000	rBV	225967	414813	19.82%	1.752%
18	9.175	1045	1052	1058	rBV2	12914	22124	1.06%	0.093%
19	9.234	1058	1062	1066	rVB7	1440	2287	0.11%	0.010%
20	9.334	1074	1079	1085	rBV3	18280	29574	1.41%	0.125%
21	9.493	1096	1106	1118	rBV	203067	381552	18.23%	1.611%
22	9.598	1121	1124	1126	rVB2	1738	2267	0.11%	0.010%
23	9.746	1143	1149	1154	rBV10	3143	6432	0.31%	0.027%
24	10.034	1190	1198	1216	rBV	357905	633822	30.28%	2.677%
25	10.393	1251	1259	1268	rBV	484817	820621	39.21%	3.465%
26	10.540	1276	1284	1299	rBV	225248	466747	22.30%	1.971%
27	10.687	1308	1309	1319	rVB9	1791	4048	0.19%	0.017%
28	10.945	1346	1353	1364	rBV9	6088	17641	0.84%	0.074%
29	11.210	1394	1398	1403	rVV6	2898	4974	0.24%	0.021%
30	11.257	1403	1406	1411	rVB7	1207	2117	0.10%	0.009%
31	11.369	1421	1425	1429	rBV7	1390	2843	0.14%	0.012%
32	11.663	1466	1475	1481	rBV3	7518	13211	0.63%	0.056%
33	11.816	1496	1501	1506	rVB9	2341	3914	0.19%	0.017%
34	11.987	1524	1530	1536	rBV2	6074	10037	0.48%	0.042%
35	12.704	1646	1652	1658	rBV9	2911	5900	0.28%	0.025%
36	12.775	1661	1664	1669	rVV7	1534	2792	0.13%	0.012%

LSC Area Percent Report

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Acq On : 31 Oct 2024 03:58
Operator : RC/JU
Sample : P4493-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F28

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-BP100724.MA.M
Title : SVOA CALIBRATION

37	13.081	1712	1716	1720	rBV5	3975	5818	0.28%	0.025%
38	13.210	1735	1738	1744	rVB7	2521	4073	0.19%	0.017%
39	13.657	1808	1814	1827	rBV	580862	951548	45.46%	4.018%
40	13.745	1827	1829	1834	rVB6	3184	3497	0.17%	0.015%
41	13.939	1855	1862	1873	rBV	764983	1058811	50.59%	4.471%
42	14.157	1893	1899	1903	rBV7	3508	4894	0.23%	0.021%
43	14.251	1908	1915	1923	rBV	987641	1283123	61.30%	5.419%
44	14.316	1923	1926	1933	rVV9	3944	7372	0.35%	0.031%
45	14.381	1933	1937	1942	rVB8	2563	3610	0.17%	0.015%
46	14.510	1954	1959	1976	rBV	140334	356527	17.03%	1.506%
47	14.669	1984	1986	1988	rBV3	1581	2248	0.11%	0.009%
48	14.692	1988	1990	2002	rVB3	6578	13038	0.62%	0.055%
49	15.075	2050	2055	2057	rBV6	2885	4376	0.21%	0.018%
50	15.269	2082	2088	2095	rBV	1085738	1426237	68.14%	6.023%
51	15.422	2107	2114	2125	rBV	186419	286034	13.67%	1.208%
52	15.528	2127	2132	2137	rVB6	5296	11547	0.55%	0.049%
53	15.639	2145	2151	2158	rBV	224617	327114	15.63%	1.381%
54	15.863	2184	2189	2193	rBV7	1937	3547	0.17%	0.015%
55	16.010	2212	2214	2217	rVB4	2393	2435	0.12%	0.010%
56	16.233	2246	2252	2256	rVV6	5352	11099	0.53%	0.047%
57	16.316	2261	2266	2267	rBV5	1822	2604	0.12%	0.011%
58	16.463	2287	2291	2295	rBV7	5705	9523	0.45%	0.040%
59	16.498	2295	2297	2301	rBV5	2173	2763	0.13%	0.012%
60	16.533	2301	2303	2307	rBV4	4165	5134	0.25%	0.022%
61	16.722	2333	2335	2339	rVB4	3431	4274	0.20%	0.018%
62	16.828	2350	2353	2354	rBV3	3901	3592	0.17%	0.015%
63	16.980	2373	2379	2384	rVV10	6325	11968	0.57%	0.051%
64	17.057	2386	2392	2397	rVV	1199390	1677237	80.13%	7.083%
65	17.098	2397	2399	2403	rVV	39468	52176	2.49%	0.220%
66	17.157	2403	2409	2422	rVB2	957753	1587731	75.86%	6.705%
67	17.251	2422	2425	2428	rBV5	5227	6579	0.31%	0.028%
68	17.875	2528	2531	2536	rVB6	4536	7258	0.35%	0.031%
69	17.945	2541	2543	2545	rBV3	3246	3438	0.16%	0.015%
70	17.992	2546	2551	2560	rBV	222457	332543	15.89%	1.404%
71	18.310	2603	2605	2609	rVB4	7770	7517	0.36%	0.032%
72	18.422	2620	2624	2628	rBV2	51616	62763	3.00%	0.265%
73	18.863	2696	2699	2704	rVB7	13439	21256	1.02%	0.090%
74	19.098	2737	2739	2742	rVB2	16142	13355	0.64%	0.056%
75	19.204	2748	2757	2763	rBV2	106459	200154	9.56%	0.845%
76	19.333	2775	2779	2790	rBV3	59030	74034	3.54%	0.313%

LSC Area Percent Report

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Acq On : 31 Oct 2024 03:58
Operator : RC/JU
Sample : P4493-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F28

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-BP100724.MA.M
Title : SVOA CALIBRATION

77	19.545	2810	2815	2829	rVB	1441506	2093040	100.00%	8.839%
78	20.527	2979	2982	2985	rBV2	25819	30258	1.45%	0.128%
79	20.633	2998	3000	3002	rBV3	35299	40787	1.95%	0.172%
80	21.168	3087	3091	3101	rVB3	99344	213293	10.19%	0.901%
81	21.492	3139	3146	3152	rBV2	1041143	1919128	91.69%	8.104%
82	22.545	3321	3325	3332	rVB2	100563	204365	9.76%	0.863%
83	24.521	3653	3661	3670	rBV	811293	1952944	93.31%	8.247%
84	24.745	3690	3699	3711	rBV	719197	1911738	91.34%	8.073%

Sum of corrected areas: 23680198

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022754.D
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Sample : P4493-16
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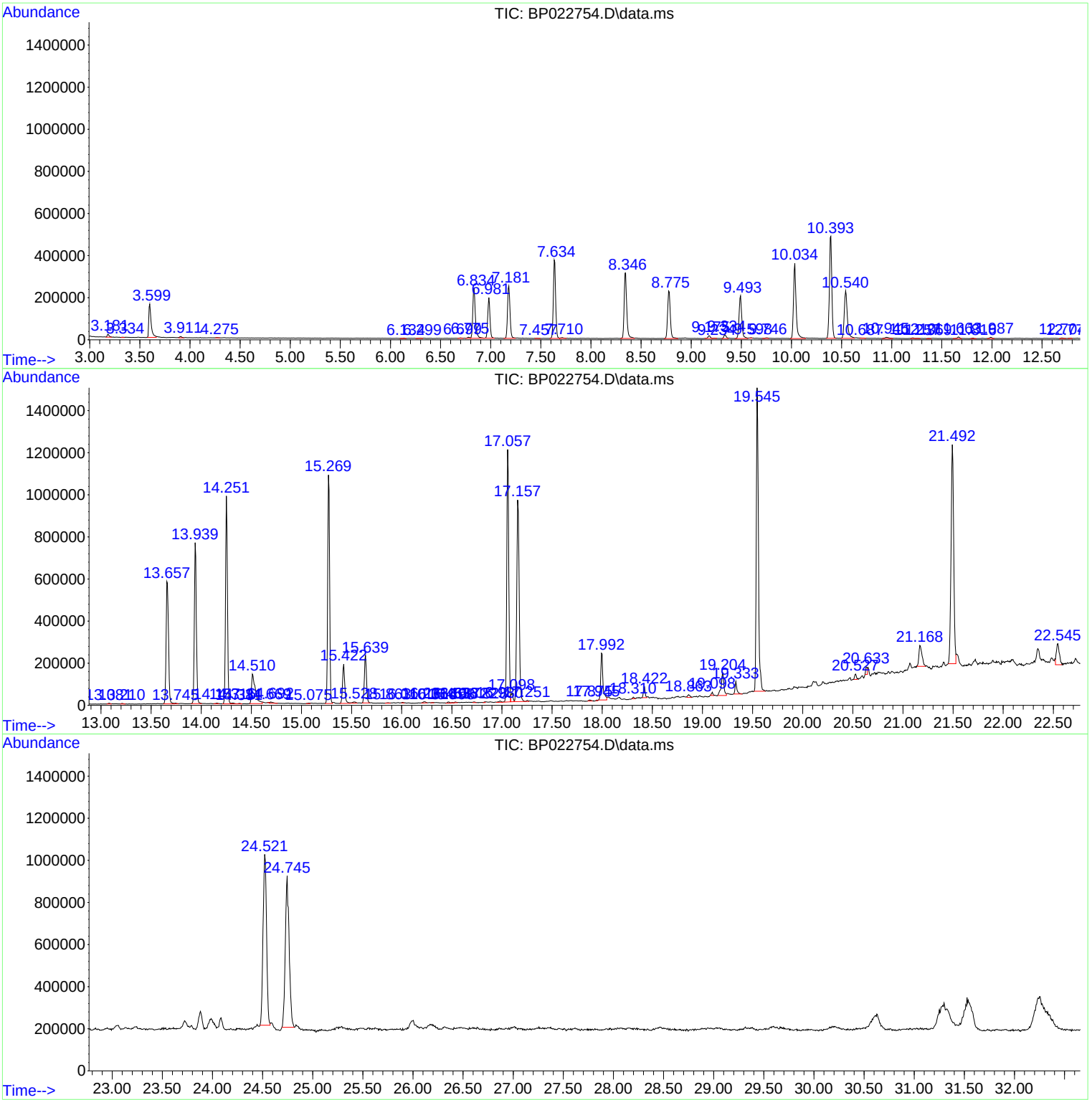
Instrument :
BNA_P
ClientSampleId :
A4F28

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.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\BP103024\
Data File : BP022754.D
Acq On : 31 Oct 2024 03:58
Operator : RC/JU
Sample : P4493-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F28

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

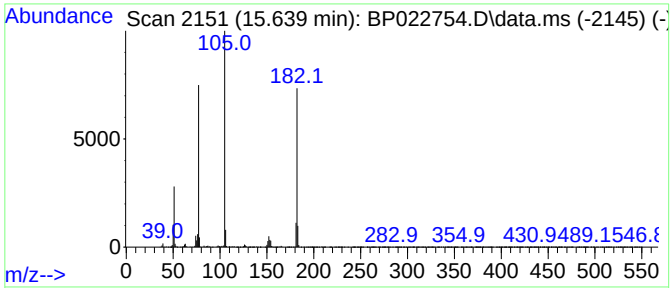
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

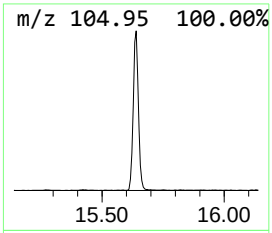
****

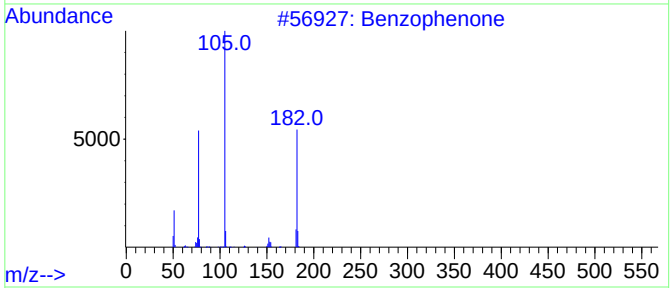
Peak Number 1 Benzophenone Concentration Rank 1

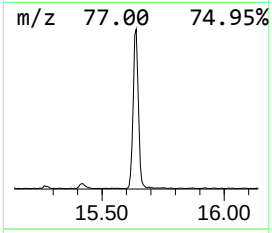
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.639	5.10 ng/ul	327114	Acenaphthene-d10	14.251

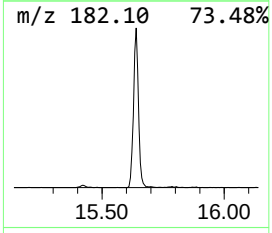
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	74

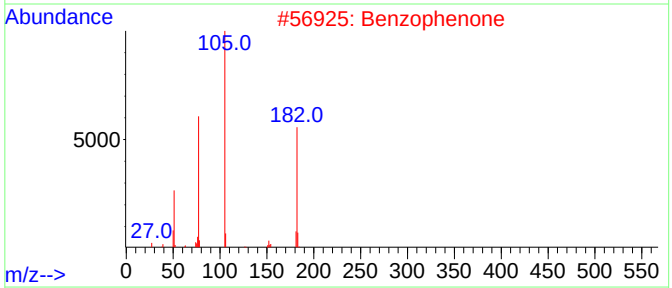


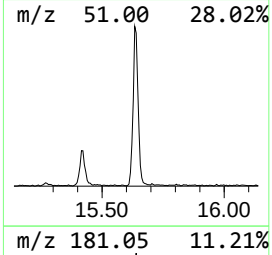


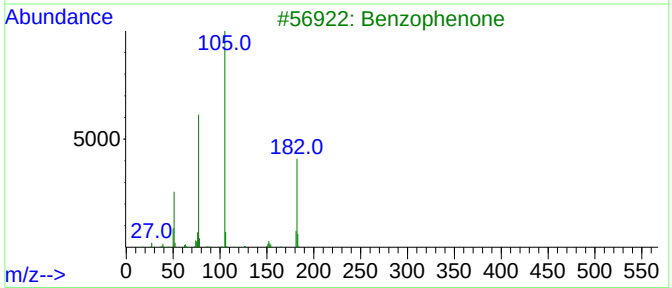


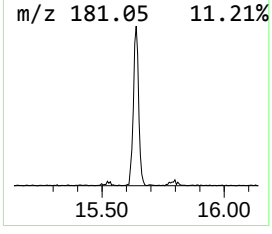












Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022754.D
Acq On : 31 Oct 2024 03:58
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Sample : P4493-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F28

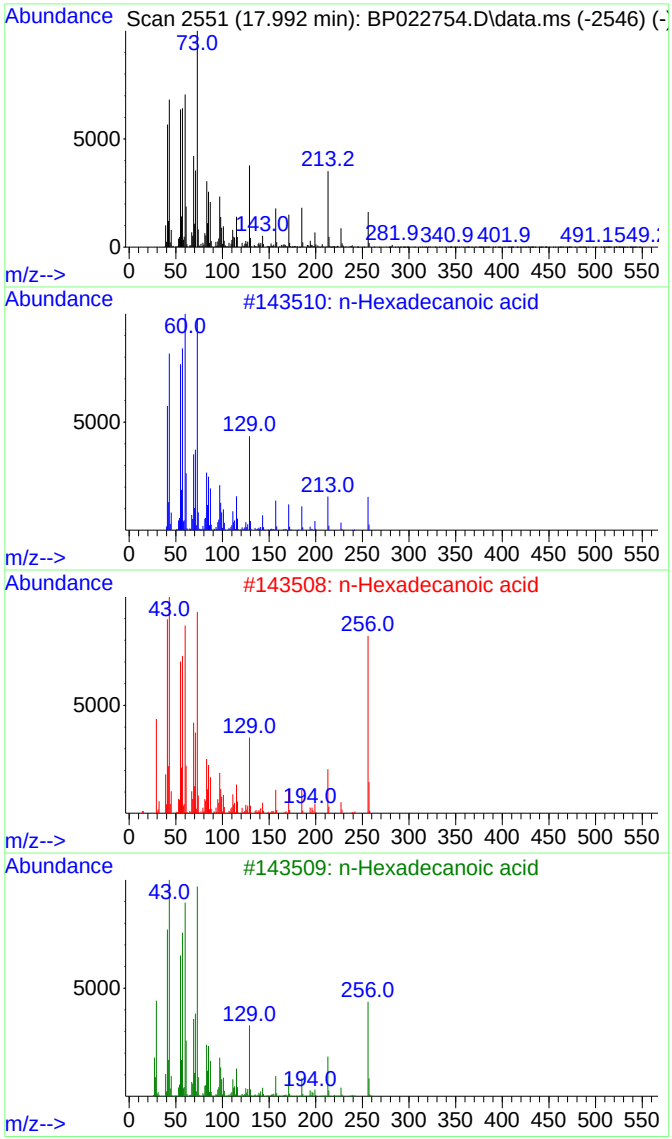
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

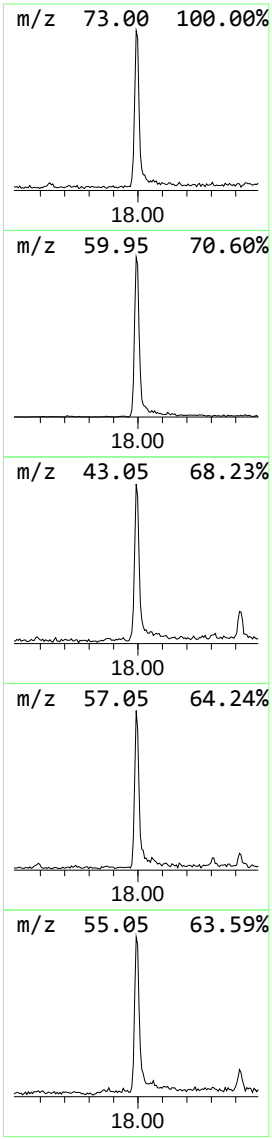
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	3.97 ng/ul	332543	Phenanthrene-d10	17.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022754.D
Acq On : 31 Oct 2024 03:58
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F28

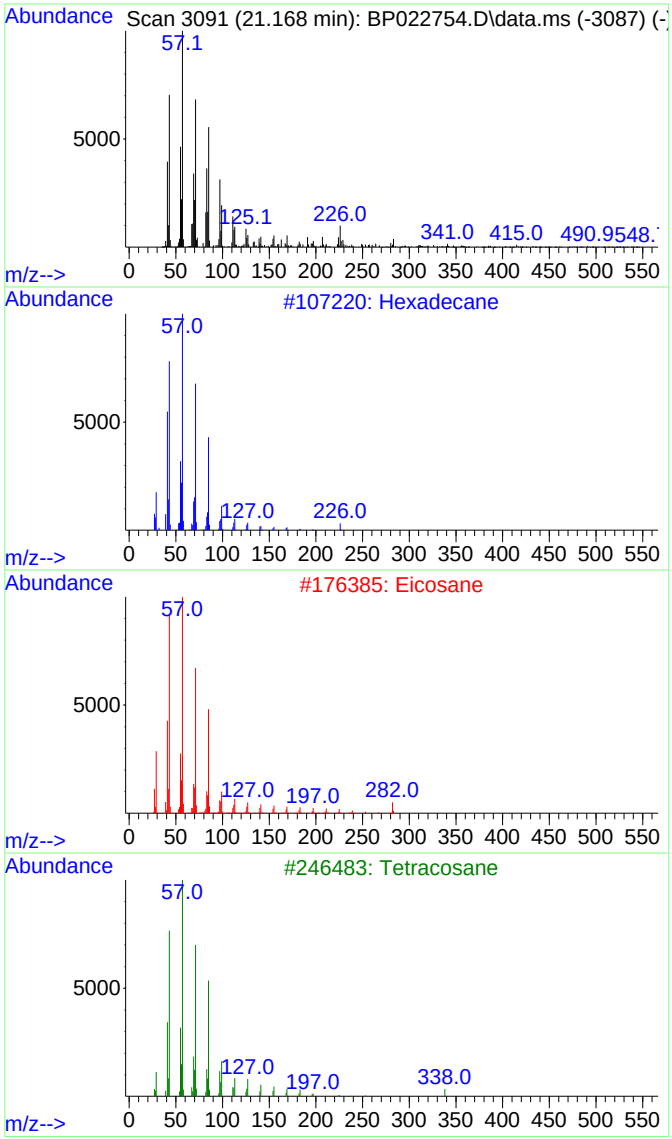
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

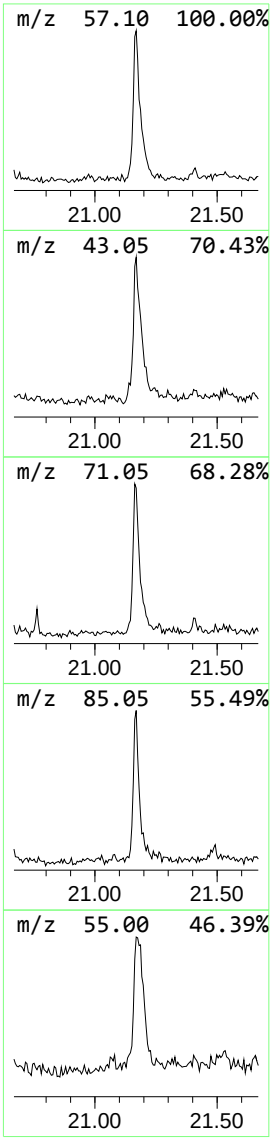
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.169	2.22 ng/ul	213293	Chrysene-d12	21.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Hexadecane	226	C16H34	000544-76-3	89
5	Ethanol, 2-(octadecyloxy)-	314	C20H42O2	002136-72-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP103024\
Data File : BP022754.D
Acq On : 31 Oct 2024 03:58
Operator : RC/JU
Sample : P4493-16
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F28

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.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
Benzophenone	15.639	5.1	ng/ul	327114	3	14.251	1283120	20.0
n-Hexadecanoic ...	17.992	4.0	ng/ul	332543	4	17.057	1677240	20.0
(DEL) Alkane: S...	21.169	2.2	ng/ul	213293	5	21.492	1919130	20.0