LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023472.D
Acq On : 17 Dec 2024 18:54
Operator : RC/JU
Sample : P5258-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E28X9

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-BP112624.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP023472.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.099	16	19	27	rVB	43327	67717	1.59%	0.137%
2	3.517	87	90	104	rBV	217233	452725	10.65%	0.919%
3	3.811	137	140	145	rBV	20208	28095	0.66%	0.057%
4	4.987	338	340	342	rBV3	4973	5662	0.13%	0.011%
5	6.669	617	626	627	rBV9	8843	21220	0.50%	0.043%
6	6.752	633	640	657	rBV	424595	988044	23.24%	2.006%
7	6.881	657	662	675	rVB	446291	754999	17.76%	1.533%
8	7.081	689	696	705	rBV	535603	917839	21.59%	1.863%
9	7.528	765	772	784	rBV	833169	1431270	33.67%	2.905%
10	7.840	820	825	827	rBV6	5646	9675	0.23%	0.020%
11	8.252	887	895	921	rBV	537461	1143207	26.89%	2.321%
12	8.675	960	967	986	rBV	495621	923754	21.73%	1.875%
13	8.834	989	994	999	rVV8	14463	29671	0.70%	0.060%
14	9.052	1024	1031	1035	rBV	12629	20709	0.49%	0.042%
15	9.246	1059	1064	1070	rBV4	20004	42236	0.99%	0.086%
16	9.381	1081	1087	1105	rBV	368382	724478	17.04%	1.471%
17	9.534	1111	1113	1118	rVB6	4360	6613	0.16%	0.013%
18	9.599	1118	1124	1130	rBV6	3901	9943	0.23%	0.020%
19	9.693	1134	1140	1144	rBV9	4051	8536	0.20%	0.017%
20	9.934	1174	1181	1199	rBV	462170	1142541	26.88%	2.319%
21	10.140	1214	1216	1221	rVB6	5365	7968	0.19%	0.016%
22	10.275	1230	1239	1245	rBV	1140613	1900478	44.70%	3.858%
23	10.328	1245	1248	1253	rVV4	31840	55527	1.31%	0.113%
24	10.375	1253	1256	1260	rVV5	8653	15276	0.36%	0.031%
25	10.434	1260	1266	1288	rVV	357769	817036	19.22%	1.659%
26	10.863	1334	1339	1345	rVB9	5261	9160	0.22%	0.019%
27	11.240	1398	1403	1406	rBV6	2460	5091	0.12%	0.010%
28	11.269	1406	1408	1413	rVV6	4716	7553	0.18%	0.015%
29	11.434	1432	1436	1439	rVB6	3115	4686	0.11%	0.010%
30	11.522	1447	1451	1458	rVB9	2720	5234	0.12%	0.011%
31	11.681	1473	1478	1484	rBV4	10859	18020	0.42%	0.037%
32	11.798	1492	1498	1499	rBV6	3413	5317	0.13%	0.011%
33	11.881	1507	1512	1520	rVB6	7551	19107	0.45%	0.039%
34	12.122	1550	1553	1557	rVB5	3081	4352	0.10%	0.009%
35	12.316	1580	1586	1592	rBV10	7934	19131	0.45%	0.039%
36	12.469	1608	1612	1615	rBV6	3993	4751	0.11%	0.010%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023472.D
Acq On : 17 Dec 2024 18:54
Operator : RC/JU
Sample : P5258-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E28X9

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-BP112624.MA.M
Title : SVOA CALIBRATION

37	12.498	1615	1617	1622	rVV5	4797	6532	0.15%	0.013%
38	12.557	1624	1627	1631	rVB6	7222	9131	0.21%	0.019%
39	12.651	1639	1643	1648	rVV6	10180	15598	0.37%	0.032%
40	12.951	1687	1694	1700	rBV3	23944	43387	1.02%	0.088%
41	13.104	1714	1720	1724	rBV9	4104	7303	0.17%	0.015%
42	13.157	1724	1729	1741	rBV2	32339	82864	1.95%	0.168%
43	13.440	1773	1777	1784	rVV10	6631	11284	0.27%	0.023%
44	13.551	1788	1796	1805	rBV	1001212	1629724	38.34%	3.308%
45	13.616	1805	1807	1811	rVV3	18226	24538	0.58%	0.050%
46	13.651	1811	1813	1819	rVB7	8870	15431	0.36%	0.031%
47	13.728	1824	1826	1831	rVB6	4255	6239	0.15%	0.013%
48	13.828	1835	1843	1855	rBV	1275208	1932632	45.46%	3.923%
49	14.040	1873	1879	1883	rBV	32504	39938	0.94%	0.081%
50	14.140	1887	1896	1902	rBV	1764362	2610877	61.42%	5.300%
51	14.463	1945	1951	1963	rBV2	146843	475822	11.19%	0.966%
52	14.834	2012	2014	2018	rVB5	5404	5572	0.13%	0.011%
53	14.963	2030	2036	2039	rBV	8614	14152	0.33%	0.029%
54	15.016	2039	2045	2050	rVB3	19421	32964	0.78%	0.067%
55	15.151	2062	2068	2083	rVB	1690418	2408419	56.65%	4.889%
56	15.328	2092	2098	2109	rVV	194170	393664	9.26%	0.799%
57	15.422	2109	2114	2121	rVB4	20750	45806	1.08%	0.093%
58	15.528	2126	2132	2138	rBV	789285	1062074	24.98%	2.156%
59	15.886	2184	2193	2196	rBV5	34253	74632	1.76%	0.152%
60	16.063	2219	2223	2225	rBV5	9916	12607	0.30%	0.026%
61	16.110	2226	2231	2237	rVV2	64385	109149	2.57%	0.222%
62	16.363	2270	2274	2279	rVB5	14833	18963	0.45%	0.038%
63	16.710	2329	2333	2336	rBV3	21239	28791	0.68%	0.058%
64	16.863	2355	2359	2366	rBV7	22337	40762	0.96%	0.083%
65	16.945	2367	2373	2379	rBV	2264467	3190168	75.04%	6.476%
66	17.051	2385	2391	2403	rVB	1483319	2530683	59.53%	5.137%
67	17.469	2459	2462	2467	rBV	22882	27125	0.64%	0.055%
68	17.769	2508	2513	2519	rBV8	27286	54614	1.28%	0.111%
69	17.828	2519	2523	2528	rBV	143242	225213	5.30%	0.457%
70	17.892	2528	2534	2543	rVV	932248	1390626	32.71%	2.823%
71	18.192	2581	2585	2592	rBV6	37696	72066	1.70%	0.146%
72	18.857	2694	2698	2703	rBV4	20216	37349	0.88%	0.076%
73	19.098	2731	2739	2743	rBV4	185912	442904	10.42%	0.899%
74	19.222	2757	2760	2772	rBV	213108	326265	7.67%	0.662%
75	19.439	2792	2797	2806	rBV	2152567	3133126	73.70%	6.360%
76	20.551	2983	2986	2988	rBV	77793	89133	2.10%	0.181%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023472.D
Acq On : 17 Dec 2024 18:54
Operator : RC/JU
Sample : P5258-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28X9

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-BP112624.MA.M
Title : SVOA CALIBRATION

77	21.063	3068	3073	3086	rVB2	438788	955398	22.47%	1.939%
78	21.386	3122	3128	3134	rBV2	2517590	3881997	91.32%	7.880%
79	22.204	3263	3267	3273	rBV2	205628	335126	7.88%	0.680%
80	23.686	3514	3519	3528	rVB	745279	1458667	34.31%	2.961%
81	24.339	3623	3630	3641	rVB	1005877	2595767	61.06%	5.269%
82	24.574	3661	3670	3687	rVB	1404868	4251173	100.00%	8.630%
83	25.715	3859	3864	3878	rVB	532152	1478045	34.77%	3.000%

Sum of corrected areas: 49261921

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
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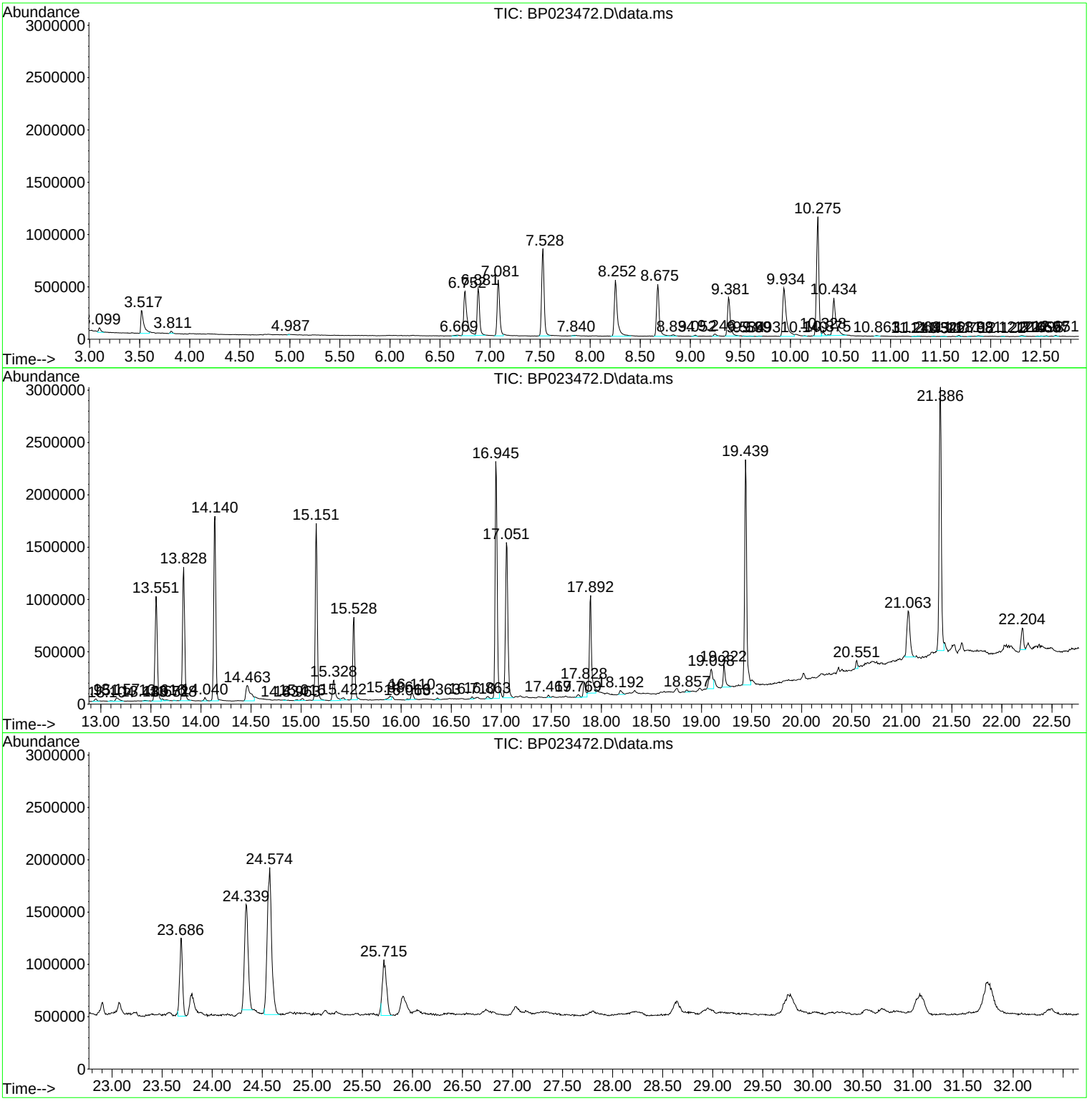
Acq On : 17 Dec 2024 18:54
Operator : RC/JU
Sample : P5258-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28X9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.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\BP121624\
Data File : BP023472.D
Acq On : 17 Dec 2024 18:54
Operator : RC/JU
Sample : P5258-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28X9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

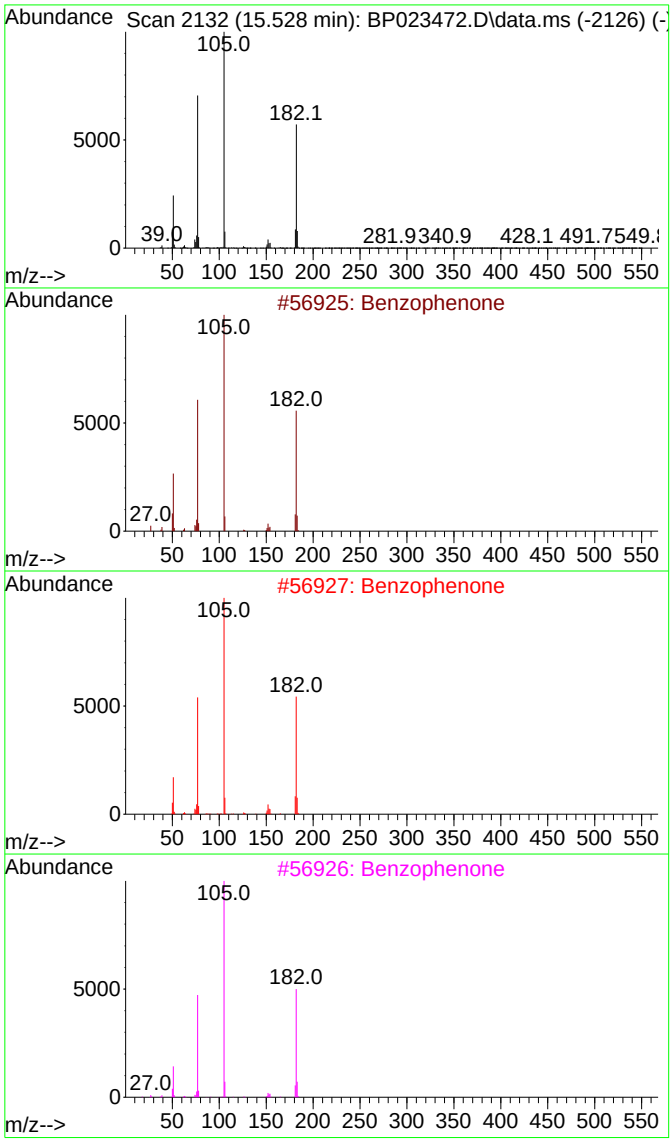
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

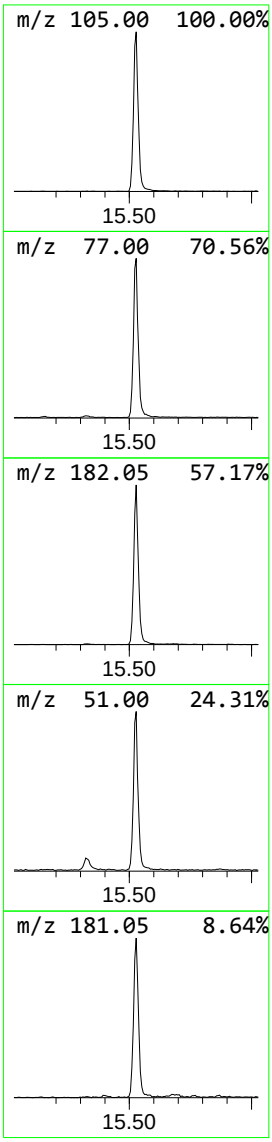
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.528	8.14 ng/ul	1062070	Acenaphthene-d10	14.140

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	93
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023472.D
Acq On : 17 Dec 2024 18:54
Operator : RC/JU
Sample : P5258-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28X9

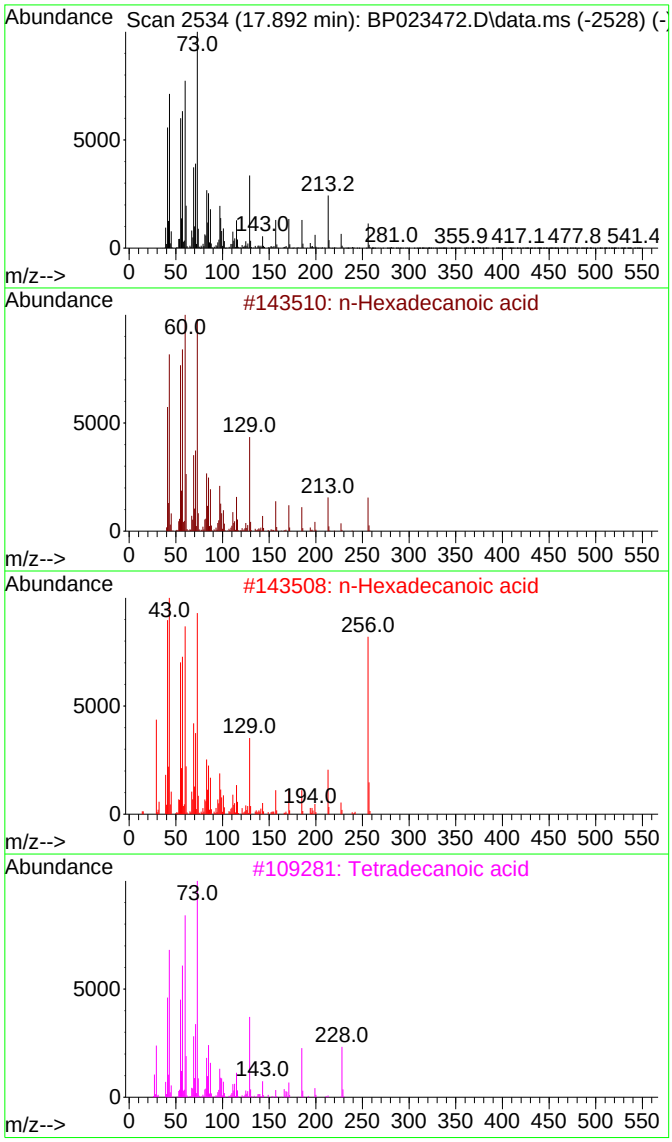
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

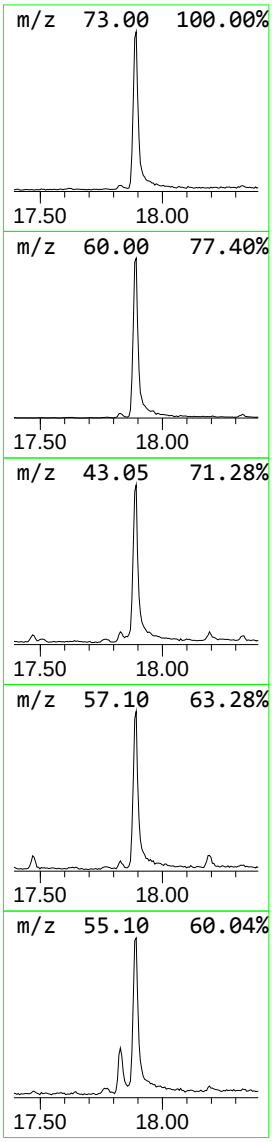
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.892	8.72 ng/ul	1390630	Phenanthrene-d10	16.945

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	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023472.D
Acq On : 17 Dec 2024 18:54
Operator : RC/JU
Sample : P5258-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28X9

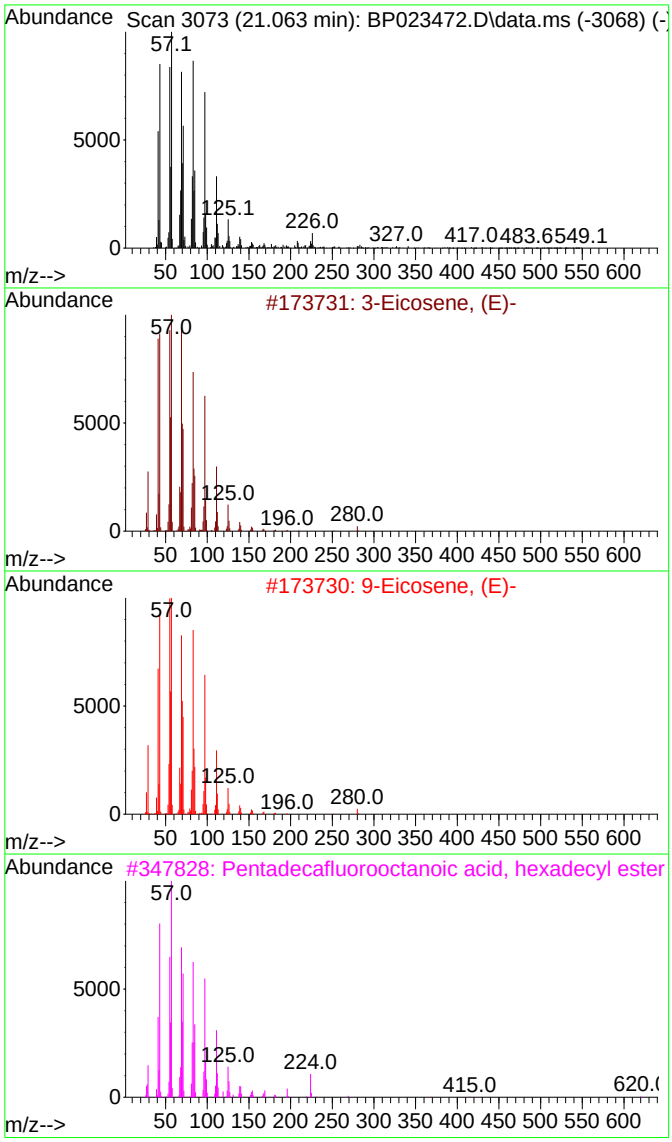
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

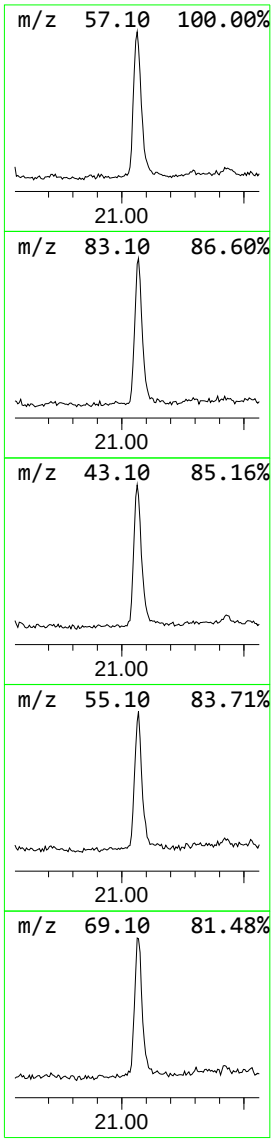
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.063	4.92 ng/ul	955398	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	98
2	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
3	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	94
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
5	1-Hexacosene	364	C26H52	018835-33-1	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023472.D
Acq On : 17 Dec 2024 18:54
Operator : RC/JU
Sample : P5258-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28X9

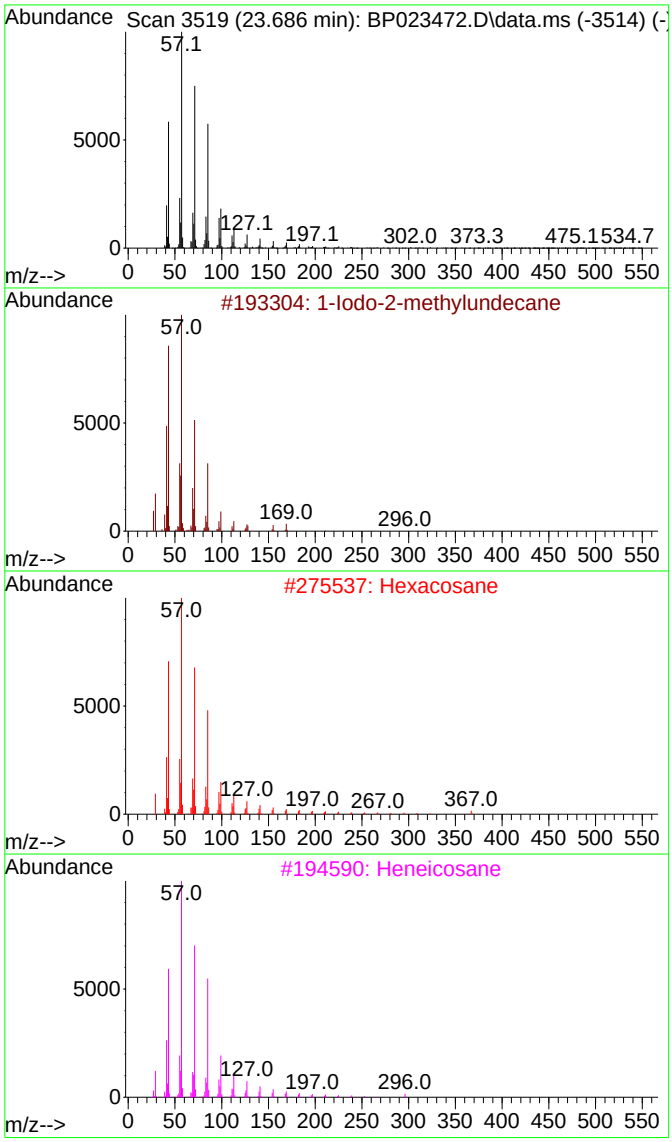
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

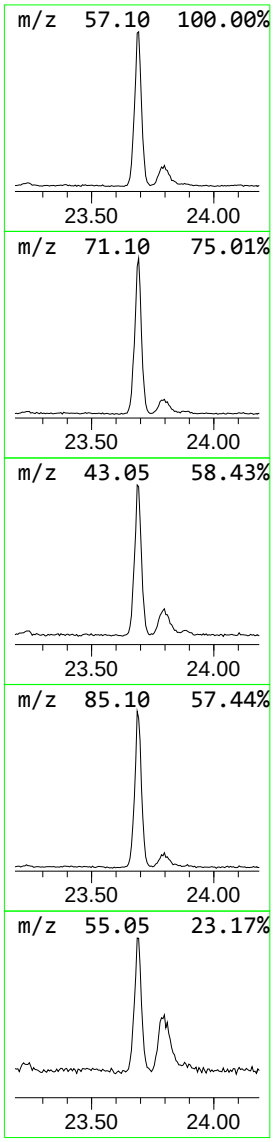
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1-Iodo-2-methylundecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.686	6.86 ng/ul	1458670	Perylene-d12	24.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Heneicosane	296	C21H44	000629-94-7	90
4	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	90
5	Heneicosane	296	C21H44	000629-94-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023472.D
Acq On : 17 Dec 2024 18:54
Operator : RC/JU
Sample : P5258-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28X9

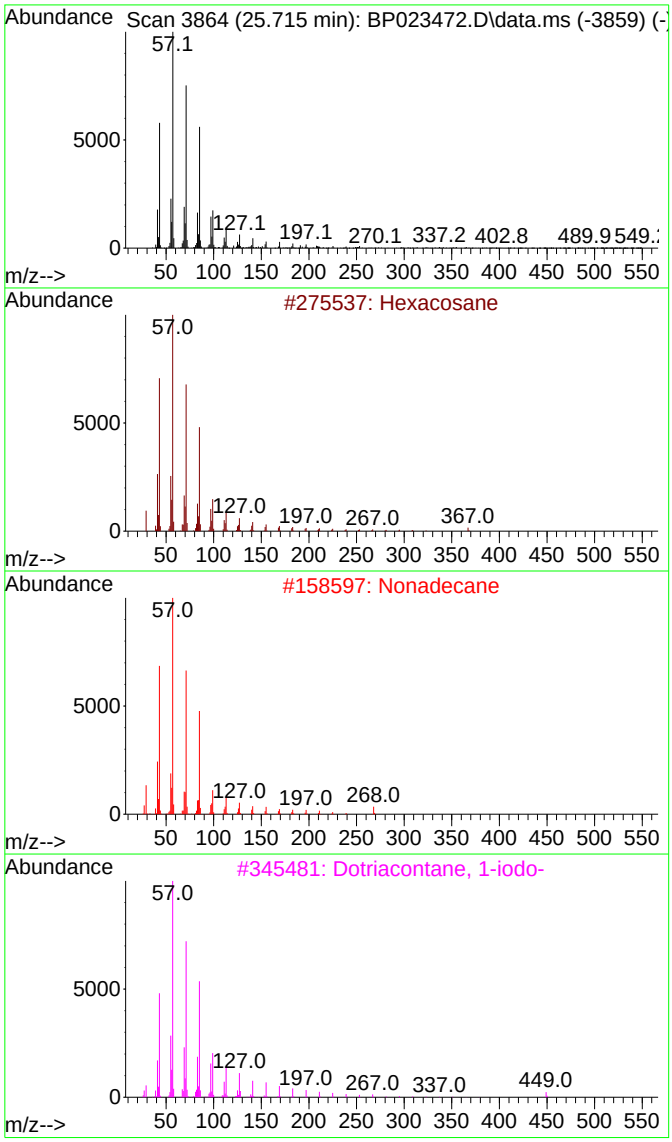
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.MA.M
Quant Title : SVOA CALIBRATION

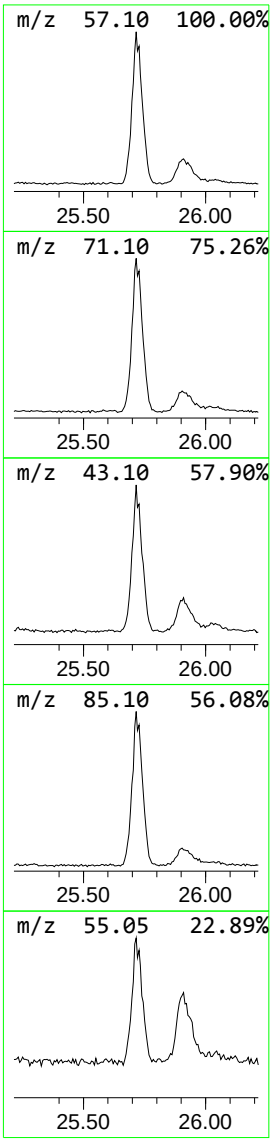
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.715	6.95 ng/ul	1478050	Perylene-d12	24.574

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosane	366	C26H54	000630-01-3	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	90
4	Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	90
5	Heptadecane	240	C17H36	000629-78-7	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121624\
Data File : BP023472.D
Acq On : 17 Dec 2024 18:54
Operator : RC/JU
Sample : P5258-16
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E28X9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP112624.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	15.528	8.1	ng/ul	1062070	3	14.140	2610880	20.0
n-Hexadecanoic ...	17.892	8.7	ng/ul	1390630	4	16.945	3190170	20.0
(DEL) Alkane: S...	21.063	4.9	ng/ul	955398	5	21.386	3882000	20.0
1-Iodo-2-methyl...	23.686	6.9	ng/ul	1458670	6	24.574	4251170	20.0
(DEL) Alkane: S...	25.715	7.0	ng/ul	1478050	6	24.574	4251170	20.0