LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102124\
Data File : BP022562.D
Acq On : 23 Oct 2024 14:09
Operator : RC/JU
Sample : P4415-15
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4F92

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: BP022562.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.193	32	35	40	rVB	13131	16772	0.71%	0.067%
2	3.611	102	106	125	rBV	170513	272733	11.47%	1.084%
3	3.922	155	159	164	rBV	12404	17611	0.74%	0.070%
4	6.363	571	574	580	rVB4	4699	8110	0.34%	0.032%
5	6.563	603	608	613	rVB8	1540	2551	0.11%	0.010%
6	6.805	644	649	651	rBV2	4061	6068	0.26%	0.024%
7	6.852	651	657	671	rVB	240968	417016	17.54%	1.657%
8	6.999	676	682	694	rVB	172983	282484	11.88%	1.122%
9	7.205	710	717	726	rVV	232276	387477	16.30%	1.539%
10	7.657	786	794	802	rBV	401612	634383	26.68%	2.520%
11	7.722	802	805	812	rVB6	4489	9142	0.38%	0.036%
12	7.834	820	824	829	rVV7	2212	3295	0.14%	0.013%
13	7.922	833	839	846	rVB7	2168	6478	0.27%	0.026%
14	8.181	880	883	892	rVB7	1389	3303	0.14%	0.013%
15	8.363	906	914	923	rBV	311721	532932	22.42%	2.117%
16	8.793	981	987	1000	rBV	218583	373006	15.69%	1.482%
17	8.957	1009	1015	1019	rBV8	2907	5971	0.25%	0.024%
18	9.099	1034	1039	1044	rVB9	1718	3106	0.13%	0.012%
19	9.199	1048	1056	1062	rBV2	13329	22546	0.95%	0.090%
20	9.351	1077	1082	1090	rBV2	31485	47074	1.98%	0.187%
21	9.510	1099	1109	1121	rBV	192636	353337	14.86%	1.404%
22	9.604	1122	1125	1133	rVB10	2863	5904	0.25%	0.023%
23	9.934	1178	1181	1185	rVB6	2398	3038	0.13%	0.012%
24	10.046	1192	1200	1219	rBV	322466	581960	24.48%	2.312%
25	10.404	1250	1261	1269	rBV	556238	917852	38.61%	3.647%
26	10.457	1269	1270	1276	rVB6	4348	5006	0.21%	0.020%
27	10.551	1276	1286	1299	rBV	278342	533464	22.44%	2.119%
28	10.957	1350	1355	1363	rBV8	8647	18854	0.79%	0.075%
29	11.104	1376	1380	1383	rVB6	2968	4836	0.20%	0.019%
30	11.222	1396	1400	1403	rBV5	2070	3208	0.13%	0.013%
31	11.428	1429	1435	1439	rBV6	5379	9445	0.40%	0.038%
32	11.681	1472	1478	1484	rVB7	6447	10344	0.44%	0.041%
33	11.822	1497	1502	1508	rVB9	3238	6197	0.26%	0.025%
34	12.004	1529	1533	1537	rVB5	3959	7054	0.30%	0.028%
35	12.269	1573	1578	1582	rBV7	1869	3374	0.14%	0.013%
36	12.787	1661	1666	1671	rVV3	7638	12213	0.51%	0.049%

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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

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Title : SVOA CALIBRATION

37	12.845	1671	1676	1684	rVB10	2312	5984	0.25%	0.024%
38	13.075	1710	1715	1722	rVB5	7014	11902	0.50%	0.047%
39	13.587	1796	1802	1805	rBV8	3059	6671	0.28%	0.027%
40	13.675	1810	1817	1824	rBV	726234	995534	41.87%	3.955%
41	13.740	1824	1828	1834	rVV5	11518	19868	0.84%	0.079%
42	13.781	1834	1835	1845	rVB10	4641	9655	0.41%	0.038%
43	13.863	1845	1849	1853	rVB7	1618	3000	0.13%	0.012%
44	13.957	1856	1865	1874	rBV	742760	1084462	45.61%	4.308%
45	14.098	1888	1889	1895	rVV6	3001	4288	0.18%	0.017%
46	14.163	1897	1900	1903	rVB5	4149	5225	0.22%	0.021%
47	14.263	1910	1917	1927	rBV	910511	1446724	60.85%	5.748%
48	14.498	1950	1957	1975	rBV2	142572	366021	15.40%	1.454%
49	14.687	1984	1989	1990	rBV5	4839	6846	0.29%	0.027%
50	15.275	2082	2089	2098	rBV	950416	1511493	63.57%	6.005%
51	15.416	2108	2113	2125	rBV	221706	285187	12.00%	1.133%
52	15.522	2128	2131	2133	rVV3	8311	12830	0.54%	0.051%
53	15.545	2133	2135	2140	rVB4	10192	14369	0.60%	0.057%
54	15.657	2148	2154	2160	rBV	137382	202576	8.52%	0.805%
55	15.716	2162	2164	2167	rVV4	2412	2494	0.10%	0.010%
56	15.834	2181	2184	2185	rBV2	2318	2727	0.11%	0.011%
57	15.851	2185	2187	2190	rVB3	2866	2753	0.12%	0.011%
58	16.039	2214	2219	2223	rBV2	20194	27895	1.17%	0.111%
59	16.075	2223	2225	2232	rVB8	5189	8500	0.36%	0.034%
60	16.139	2232	2236	2237	rBV4	3378	4150	0.17%	0.016%
61	16.222	2247	2250	2256	rVB8	6099	8882	0.37%	0.035%
62	16.263	2256	2257	2259	rBV2	2965	2658	0.11%	0.011%
63	16.333	2267	2269	2272	rBV3	2806	3238	0.14%	0.013%
64	16.716	2332	2334	2335	rBV2	3145	2808	0.12%	0.011%
65	16.981	2377	2379	2380	rBV2	4993	3835	0.16%	0.015%
66	17.075	2389	2395	2401	rBV	1359448	1909788	80.33%	7.587%
67	17.175	2406	2412	2422	rVV	1309472	1802273	75.80%	7.160%
68	17.281	2426	2430	2436	rVB8	20400	28986	1.22%	0.115%
69	18.010	2549	2554	2563	rBV	164014	309831	13.03%	1.231%
70	18.598	2650	2654	2660	rVB6	37050	52713	2.22%	0.209%
71	19.204	2755	2757	2763	rVB	37957	48489	2.04%	0.193%
72	19.345	2778	2781	2786	rBV5	42506	59695	2.51%	0.237%
73	19.551	2810	2816	2824	rBV	1561226	2239430	94.19%	8.897%
74	21.180	3089	3093	3101	rVB4	137580	272137	11.45%	1.081%
75	21.504	3142	3148	3154	rBV2	1395160	2190598	92.14%	8.703%
76	24.539	3657	3664	3677	rVB	929297	2288161	96.24%	9.091%

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A4F92

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Title : SVOA CALIBRATION

77	24.762	3694	3702	3714	rVB	958135	2377513	100.00%	9.446%

Sum of corrected areas: 25170333

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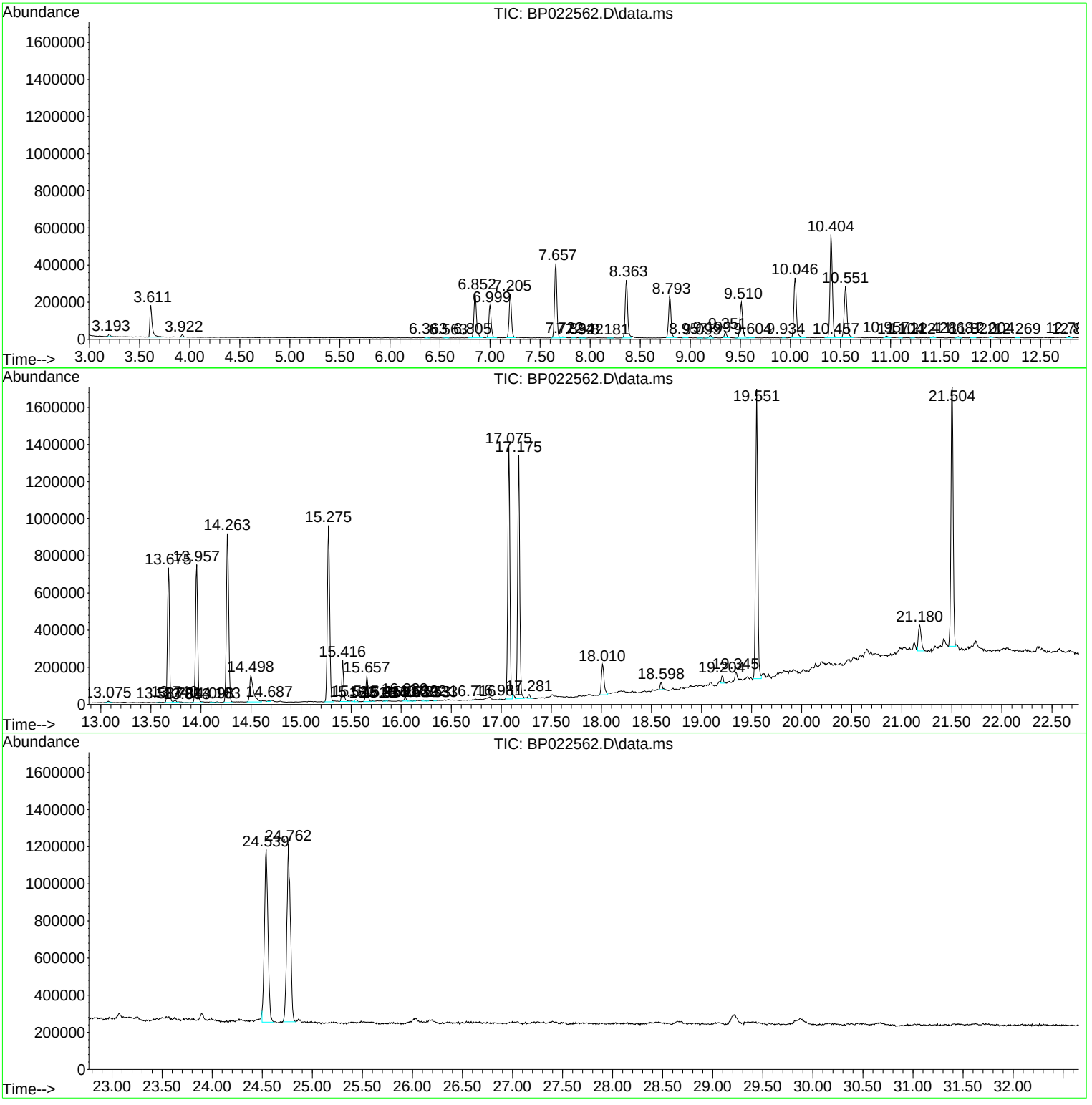
Sample : P4415-15
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F92

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



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Instrument :
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Quant Title : SVOA CALIBRATION

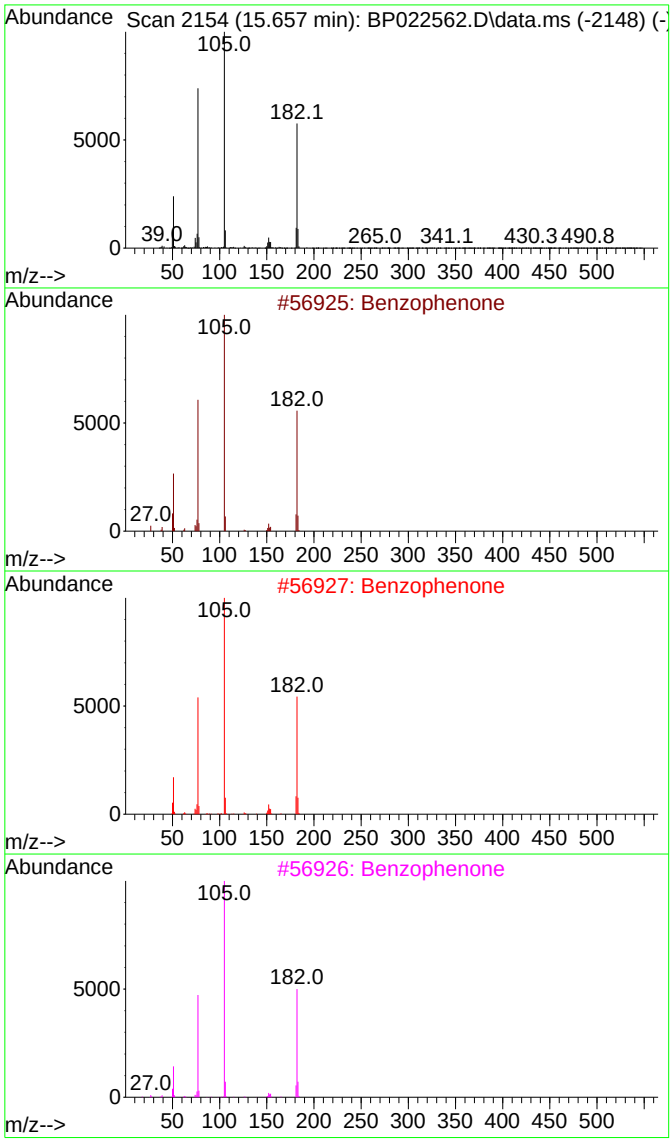
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

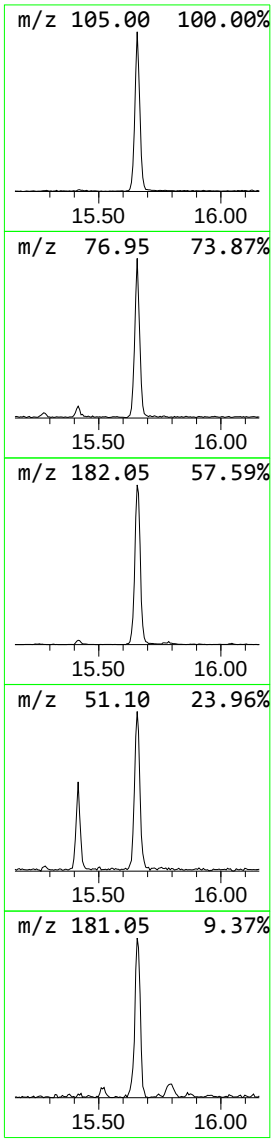
****

Peak Number 1 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.657	2.80 ng/ul	202576	Acenaphthene-d10	14.263

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	87
4	Benzophenone	182	C13H10O	000119-61-9	81
5	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	64





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ALS Vial : 64 Sample Multiplier: 1

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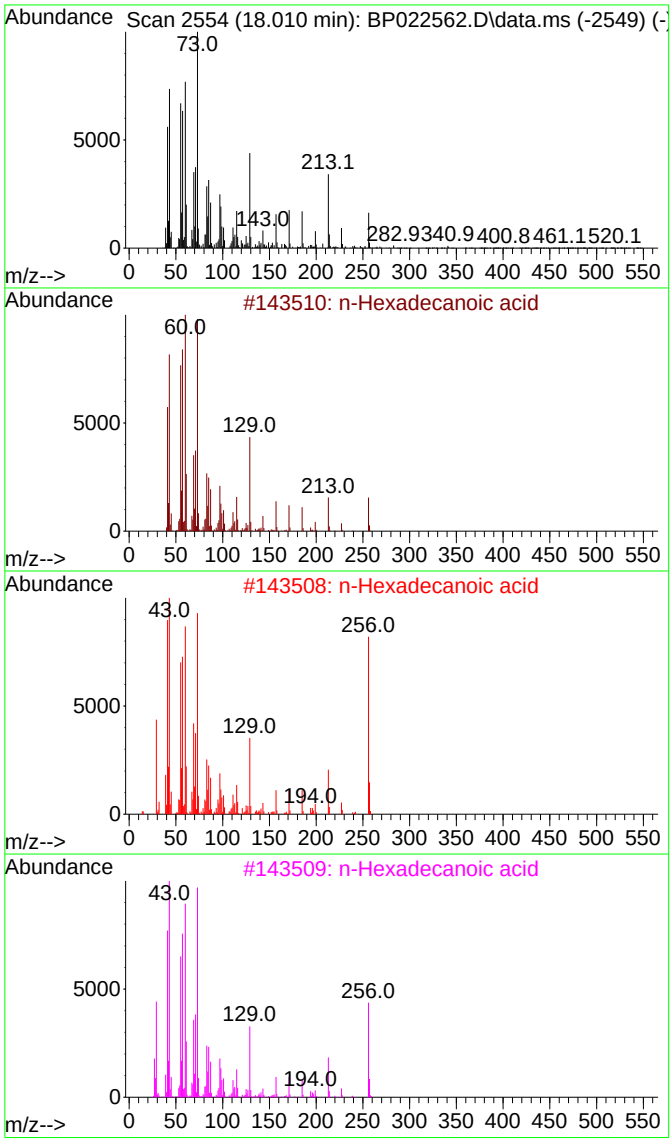
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

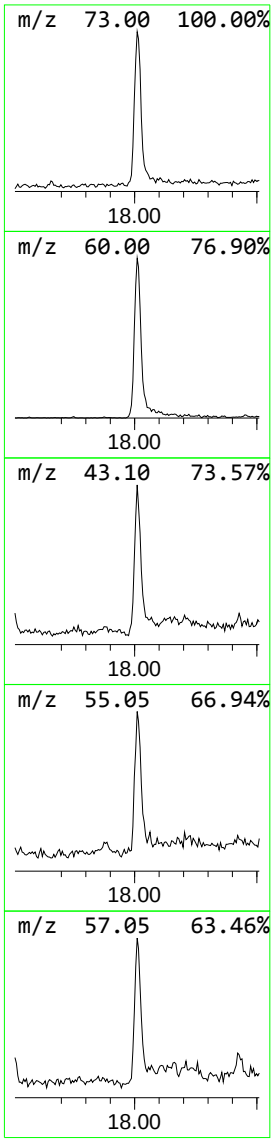
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	3.24 ng/ul	309831	Phenanthrene-d10	17.075

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	96
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	90





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Sample : P4415-15
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4F92

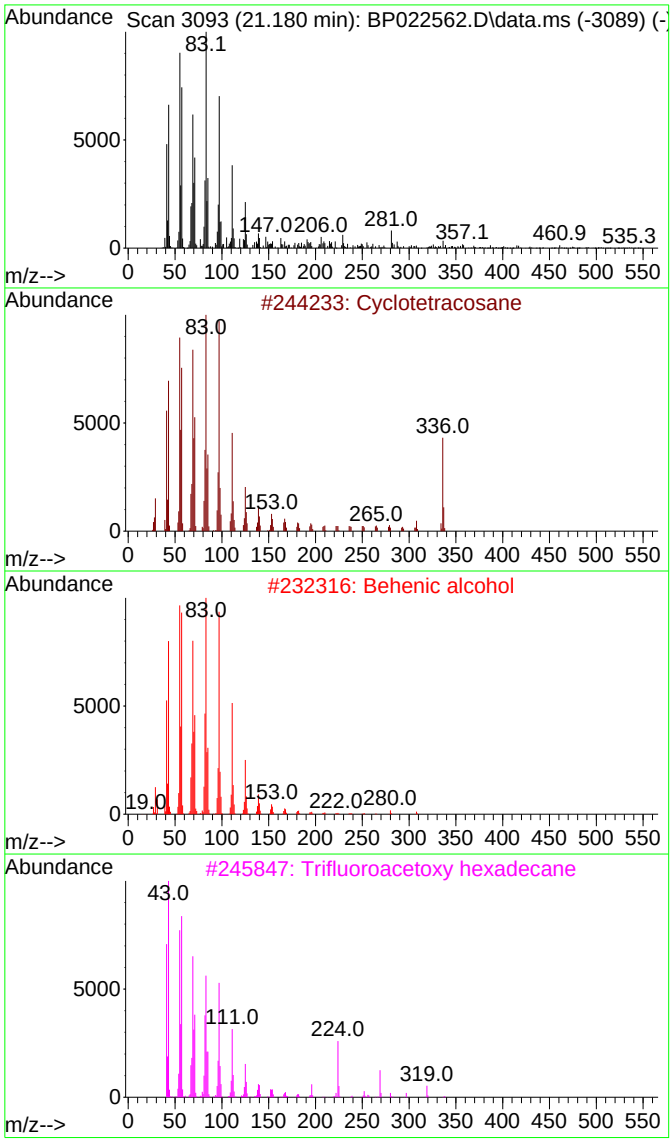
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

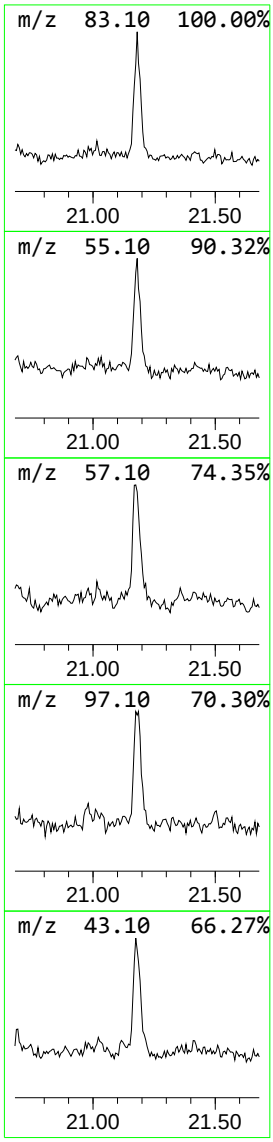
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Cyclic21.180 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.180	2.48 ng/ul	272137	Chrysene-d12	21.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	98
2	Behenic alcohol	326	C22H46O	000661-19-8	93
3	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	89
4	1-Docosene	308	C22H44	001599-67-3	89
5	Octacosanol	410	C28H58O	000557-61-9	87





Tentatively Identified Compound (LSC) summary

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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	15.657	2.8	ng/ul	202576	3	14.263	1446720	20.0
n-Hexadecanoic ...	18.010	3.2	ng/ul	309831	4	17.075	1909790	20.0
(DEL) Alkane: C...	21.180	2.5	ng/ul	272137	5	21.498	2190600	20.0