LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101821\
Data File : BP007462.D
Acq On : 18 Oct 2021 14:06
Operator : CG/JU
Sample : M4181-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B15

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-BP101421.M
Title : SVOA CALIBRATION

Signal : TIC: BP007462.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.123	3	6	24	rVB	5398101	7217720	100.00%	14.152%
2	3.381	46	50	56	rVB	32875	45635	0.63%	0.089%
3	3.905	136	139	148	rVB2	14339	22677	0.31%	0.044%
4	4.046	158	163	169	rVB	34203	52728	0.73%	0.103%
5	4.134	173	178	183	rVB	17953	24549	0.34%	0.048%
6	4.228	189	194	198	rBV4	10974	16596	0.23%	0.033%
7	4.358	212	216	222	rVB7	9174	13338	0.18%	0.026%
8	4.505	236	241	245	rBV7	5744	9005	0.12%	0.018%
9	5.058	328	335	341	rVB	17257	28099	0.39%	0.055%
10	5.981	485	492	501	rBV5	16561	33880	0.47%	0.066%
11	6.340	547	553	561	rVB	14187	22795	0.32%	0.045%
12	6.458	568	573	576	rBV7	3945	7727	0.11%	0.015%
13	6.952	651	657	662	rBV10	3974	8089	0.11%	0.016%
14	7.116	678	685	694	rVB	605957	953375	13.21%	1.869%
15	7.287	707	714	722	rBV	482597	753615	10.44%	1.478%
16	7.487	741	748	760	rVV	603282	950248	13.17%	1.863%
17	7.599	764	767	775	rVB8	8704	16617	0.23%	0.033%
18	7.769	791	796	804	rBV7	5101	8957	0.12%	0.018%
19	7.958	821	828	837	rBV	716489	1132307	15.69%	2.220%
20	8.663	941	948	961	rBV	730306	1171885	16.24%	2.298%
21	8.781	962	968	975	rVB	78455	124866	1.73%	0.245%
22	9.063	1011	1016	1018	rBV6	5104	7731	0.11%	0.015%
23	9.116	1018	1025	1035	rVV	550841	910179	12.61%	1.785%
24	9.210	1036	1041	1046	rVB5	7260	13378	0.19%	0.026%
25	9.840	1141	1148	1155	rBV	416815	670991	9.30%	1.316%
26	10.069	1182	1187	1192	rBV9	3556	7621	0.11%	0.015%
27	10.381	1232	1240	1251	rBV	751901	1239090	17.17%	2.430%
28	10.546	1258	1268	1275	rBV	56042	106717	1.48%	0.209%
29	10.763	1298	1305	1313	rBV	956856	1612901	22.35%	3.162%
30	10.893	1320	1327	1336	rBV	676094	1141927	15.82%	2.239%
31	11.287	1390	1394	1399	rVB7	4833	8988	0.12%	0.018%
32	12.351	1567	1575	1578	rBV9	3882	8071	0.11%	0.016%
33	12.428	1583	1588	1593	rVB3	17669	28604	0.40%	0.056%
34	12.646	1618	1625	1631	rBV	13019	21229	0.29%	0.042%
35	12.969	1676	1680	1684	rBV7	5154	7911	0.11%	0.016%
36	13.216	1716	1722	1726	rBV7	5597	7331	0.10%	0.014%

LSC Area Percent Report

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Sample : M4181-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0B15

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-BP101421.M
Title : SVOA CALIBRATION

37	13.440	1756	1760	1763	rVB6	4706	7572	0.10%	0.015%
38	13.504	1768	1771	1776	rVV6	5054	8661	0.12%	0.017%
39	13.916	1836	1841	1847	rBV6	7795	14218	0.20%	0.028%
40	14.004	1847	1856	1870	rVV	1292741	1826779	25.31%	3.582%
41	14.287	1893	1904	1914	rBV	1525855	2247907	31.14%	4.408%
42	14.593	1948	1956	1968	rBV	1463748	2234638	30.96%	4.382%
43	14.775	1980	1987	1997	rBV	582849	844731	11.70%	1.656%
44	14.928	2009	2013	2018	rBV7	6350	10264	0.14%	0.020%
45	15.004	2020	2026	2033	rVB5	14406	28956	0.40%	0.057%
46	15.410	2088	2095	2101	rVV10	6144	16014	0.22%	0.031%
47	15.587	2119	2125	2132	rBV	1876020	2753689	38.15%	5.399%
48	15.634	2132	2133	2139	rVB5	9159	8532	0.12%	0.017%
49	15.698	2139	2144	2153	rBV	405197	570284	7.90%	1.118%
50	15.828	2160	2166	2171	rBV3	23229	35645	0.49%	0.070%
51	15.940	2183	2185	2194	rVB9	4946	9580	0.13%	0.019%
52	16.087	2207	2210	2217	rVB9	4587	8892	0.12%	0.017%
53	16.157	2217	2222	2223	rBV5	5962	7700	0.11%	0.015%
54	16.334	2248	2252	2253	rBV4	6493	8741	0.12%	0.017%
55	16.357	2253	2256	2263	rVB7	8569	15713	0.22%	0.031%
56	16.457	2270	2273	2278	rBV7	4860	8956	0.12%	0.018%
57	16.751	2319	2323	2328	rBV7	12898	16975	0.24%	0.033%
58	16.892	2342	2347	2353	rBV9	7360	15712	0.22%	0.031%
59	17.134	2374	2388	2391	rBV7	15789	40003	0.55%	0.078%
60	17.251	2404	2408	2413	rBV3	29784	41304	0.57%	0.081%
61	17.345	2416	2424	2431	rVV	1862153	2771045	38.39%	5.433%
62	17.451	2435	2442	2452	rVV2	2017976	3061268	42.41%	6.002%
63	17.539	2452	2457	2463	rVV10	13379	28495	0.39%	0.056%
64	17.598	2465	2467	2472	rVB6	6013	7394	0.10%	0.014%
65	17.739	2488	2491	2498	rVB8	11785	22600	0.31%	0.044%
66	17.998	2531	2535	2537	rBV5	6658	11174	0.15%	0.022%
67	18.034	2537	2541	2545	rVB2	20052	23693	0.33%	0.046%
68	18.128	2551	2557	2561	rBV7	18990	34653	0.48%	0.068%
69	18.181	2564	2566	2570	rBV3	13241	15784	0.22%	0.031%
70	18.245	2572	2577	2586	rBV	285698	400813	5.55%	0.786%
71	18.533	2622	2626	2631	rBV7	24431	47512	0.66%	0.093%
72	18.857	2677	2681	2684	rBV5	11852	16501	0.23%	0.032%
73	18.998	2701	2705	2709	rBV6	29879	42127	0.58%	0.083%
74	19.333	2758	2762	2764	rBV4	71360	88906	1.23%	0.174%
75	19.357	2764	2766	2769	rVB	50638	56797	0.79%	0.111%
76	19.475	2782	2786	2790	rBV	93040	117226	1.62%	0.230%

LSC Area Percent Report

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Misc :
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Instrument : BNA_P
ClientSampleId : C0B15

Integration Parameters: LSCINT.P
Integrator: RTE
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Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Title : SVOA CALIBRATION

77	19.569	2800	2802	2808	rVB3	26461	34582	0.48%	0.068%
78	19.680	2815	2821	2829	rBV	2706220	3573846	49.51%	7.007%
79	21.122	3064	3066	3069	rBV2	61456	83882	1.16%	0.164%
80	21.157	3069	3072	3079	rVB3	95726	150301	2.08%	0.295%
81	21.357	3103	3106	3111	rVB	185697	196494	2.72%	0.385%
82	21.433	3114	3119	3131	rBV	2364179	3333178	46.18%	6.535%
83	23.180	3413	3416	3420	rBV2	103780	151948	2.11%	0.298%
84	23.221	3420	3423	3433	rVB2	166600	287628	3.99%	0.564%
85	23.733	3503	3510	3521	rVB	1688971	3401217	47.12%	6.669%
86	23.892	3531	3537	3548	rVB2	1618953	3407857	47.22%	6.682%
87	24.598	3653	3657	3665	rVB	225035	445633	6.17%	0.874%

Sum of corrected areas: 51001397

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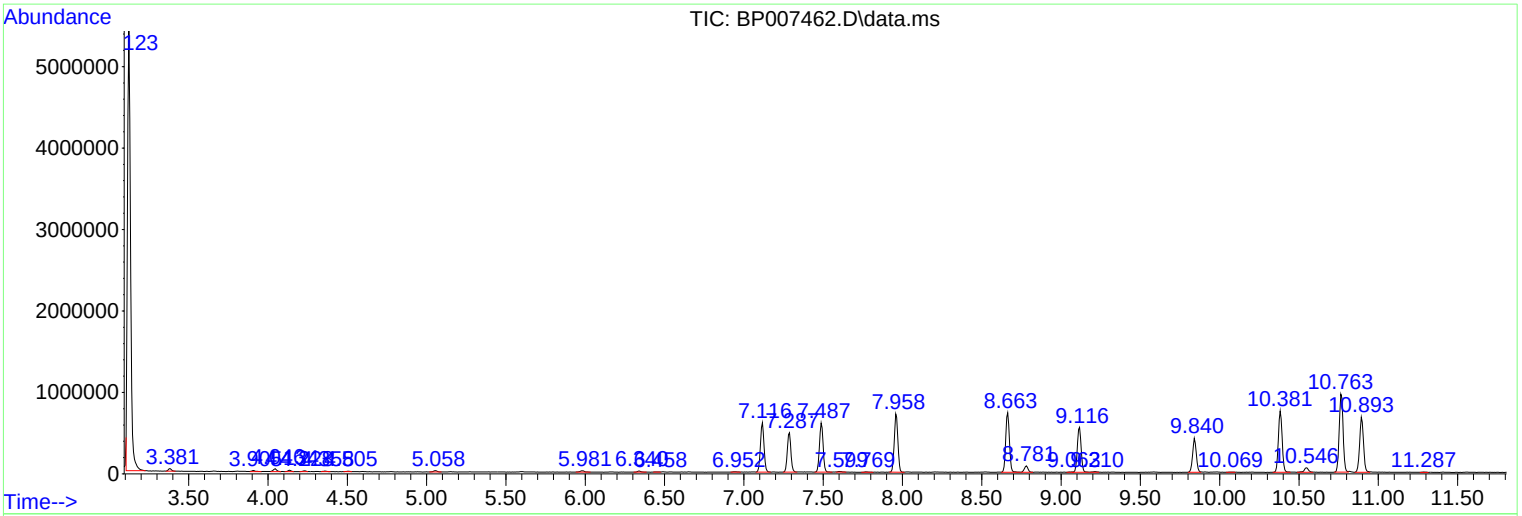
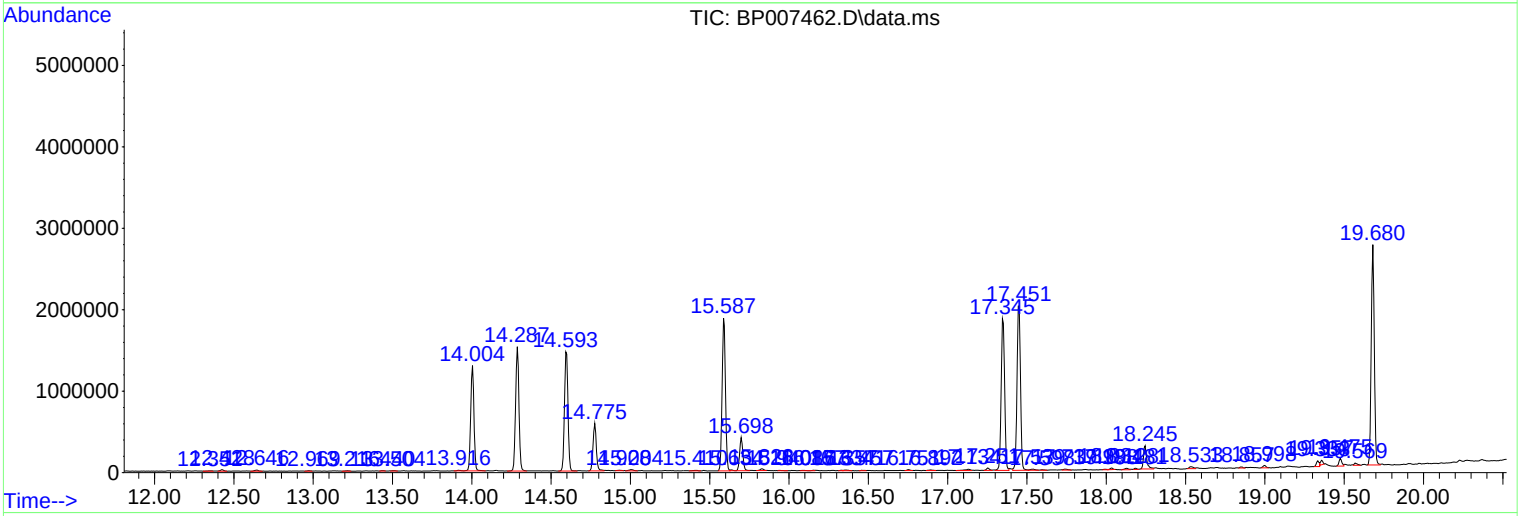
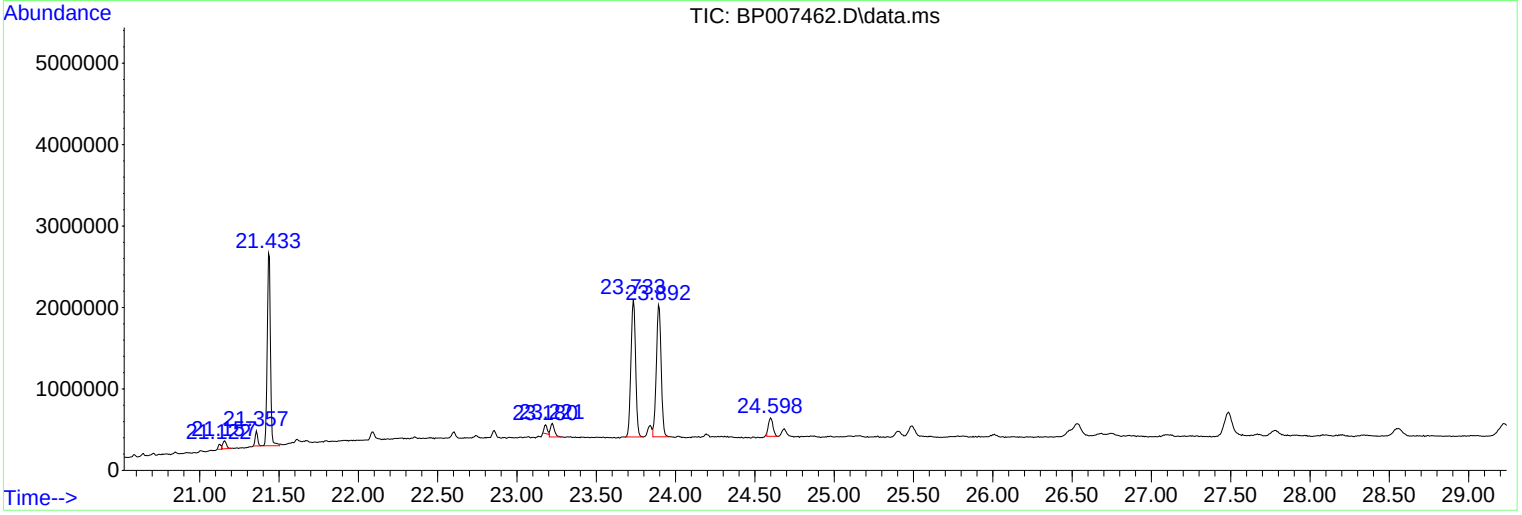
Instrument :
BNA_P
ClientSampleId :
C0B15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

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







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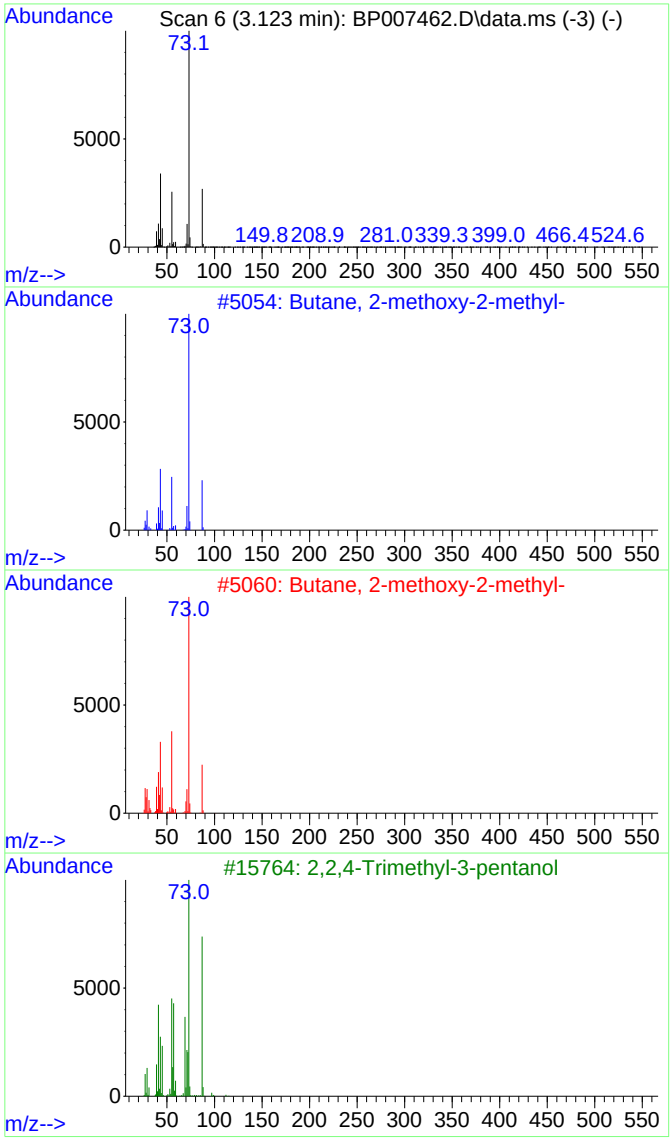
Quant Title : SVOA CALIBRATION

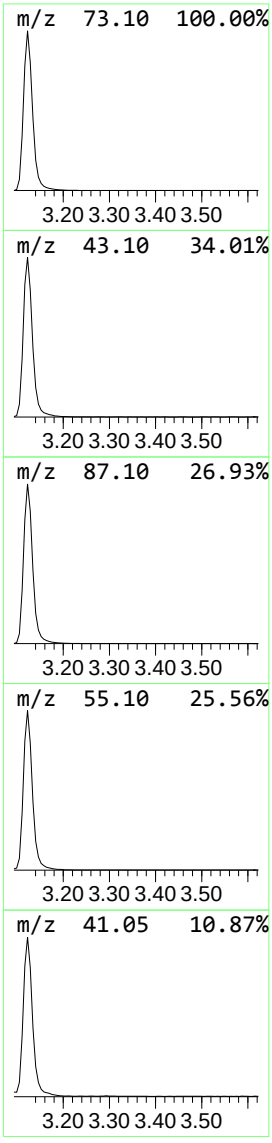
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.123	127.49 ng/ul	7217720	1,4-Dichlorobenzene-d4	7.958

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C0B15

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.M
Quant Title : SVOA CALIBRATION

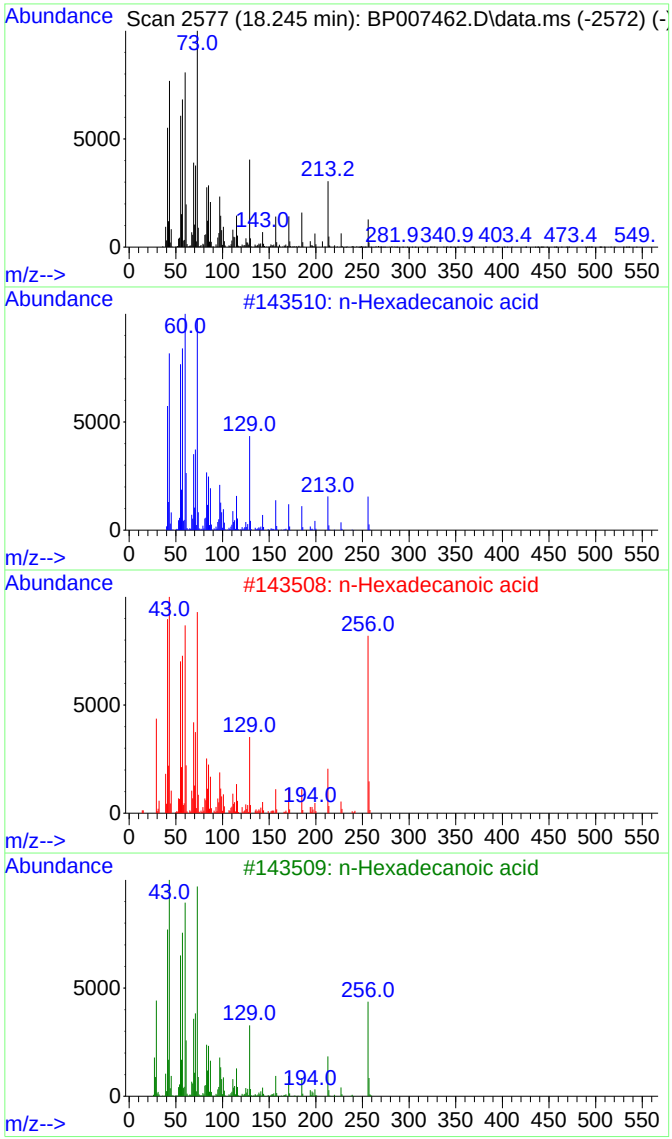
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

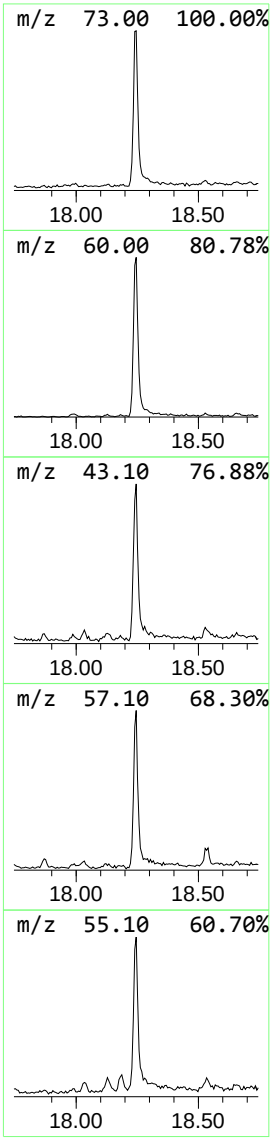
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.245	2.89 ng/ul	400813	Phenanthrene-d10	17.345

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	96
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





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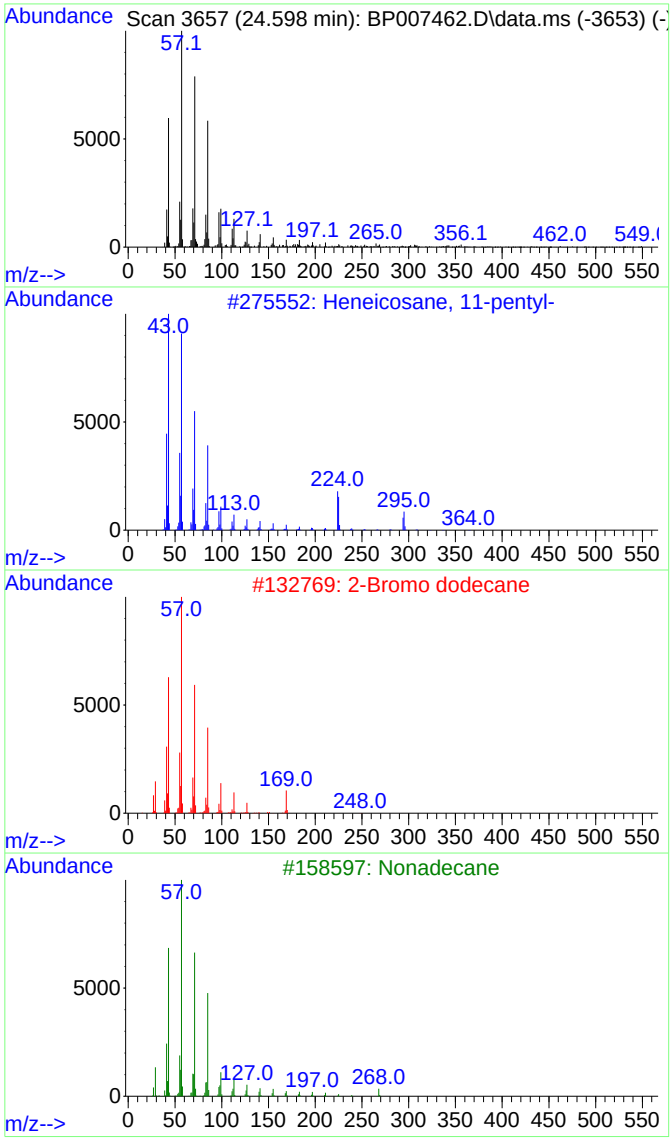
Quant Title : SVOA CALIBRATION

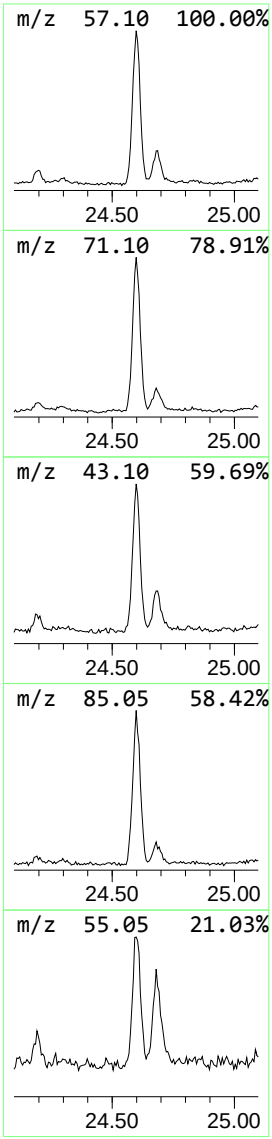
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.598	2.62 ng/ul	445633	Perylene-d12	23.892

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-pentyl-	366	C26H54	014739-72-1	94
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	93
3	Nonadecane	268	C19H40	000629-92-5	93
4	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	91





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP101421.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
Butane, 2-metho...	3.123	127.5	ng/ul	7217720	1	7.958	1132310	20.0
n-Hexadecanoic ...	18.245	2.9	ng/ul	400813	4	17.345	2771050	20.0
(DEL) Alkane: S...	24.598	2.6	ng/ul	445633	6	23.892	3407860	20.0