LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081221\
Data File : BP006665.D
Acq On : 12 Aug 2021 15:09
Operator : CG/JU
Sample : M3182-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00D1

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-BP081021.M
Title : SVOA CALIBRATION

Signal : TIC: BP006665.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.628	89	92	104	rVB	205092	318434	10.69%	0.761%
2	3.934	141	144	152	rVB2	42014	62640	2.10%	0.150%
3	5.363	384	387	395	rVB	49681	85423	2.87%	0.204%
4	5.734	447	450	455	rVB3	41398	60113	2.02%	0.144%
5	6.887	640	646	652	rBV	375008	576924	19.36%	1.380%
6	7.052	669	674	686	rVB	324385	515502	17.30%	1.233%
7	7.240	701	706	717	rVB	420642	650940	21.85%	1.556%
8	7.340	718	723	724	rBV2	35712	49876	1.67%	0.119%
9	7.710	779	786	792	rBV	576712	919882	30.87%	2.200%
10	8.422	901	907	914	rBV	390802	591595	19.86%	1.415%
11	8.863	976	982	990	rVV	397763	658080	22.09%	1.574%
12	8.934	990	994	1001	rVB2	49630	74436	2.50%	0.178%
13	9.587	1098	1105	1116	rBV	321452	559917	18.79%	1.339%
14	10.122	1189	1196	1205	rVB	472069	794486	26.67%	1.900%
15	10.293	1218	1225	1233	rBV	130814	229940	7.72%	0.550%
16	10.493	1252	1259	1264	rBV	839201	1431007	48.03%	3.422%
17	10.546	1264	1268	1276	rVB	107372	166338	5.58%	0.398%
18	10.640	1276	1284	1296	rBV	303364	574323	19.28%	1.373%
19	11.534	1430	1436	1441	rBV	34958	58323	1.96%	0.139%
20	11.934	1499	1504	1513	rVB	79240	118747	3.99%	0.284%
21	12.163	1536	1543	1550	rVB	123324	192870	6.47%	0.461%
22	12.381	1575	1580	1587	rVV	61319	98169	3.29%	0.235%
23	12.634	1616	1623	1628	rBV6	19452	36391	1.22%	0.087%
24	13.081	1694	1699	1706	rBV6	26921	46825	1.57%	0.112%
25	13.187	1708	1717	1722	rVV	131540	192766	6.47%	0.461%
26	13.516	1766	1773	1774	rBV	38268	56075	1.88%	0.134%
27	13.675	1795	1800	1804	rVV2	61109	106290	3.57%	0.254%
28	13.728	1804	1809	1812	rVV	52281	77526	2.60%	0.185%
29	13.775	1812	1817	1823	rVV	877941	1171498	39.32%	2.801%
30	13.845	1825	1829	1833	rVV2	29629	44776	1.50%	0.107%
31	13.910	1833	1840	1844	rVV3	28788	60054	2.02%	0.144%
32	14.045	1854	1863	1874	rBV	937885	1436798	48.22%	3.436%
33	14.269	1895	1901	1905	rVB	110574	145395	4.88%	0.348%
34	14.351	1905	1915	1922	rBV	1185877	1796729	60.30%	4.296%
35	14.445	1922	1931	1935	rVV6	25141	69202	2.32%	0.165%
36	14.569	1946	1952	1961	rBV	380873	587956	19.73%	1.406%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081221\
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Acq On : 12 Aug 2021 15:09
Operator : CG/JU
Sample : M3182-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00D1

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-BP081021.M
Title : SVOA CALIBRATION

37	14.757	1980	1984	1988	rVB2	42989	57262	1.92%	0.137%
38	14.834	1993	1997	2001	rVB2	29978	43964	1.48%	0.105%
39	14.975	2015	2021	2027	rBV4	22495	49007	1.64%	0.117%
40	15.028	2027	2030	2035	rVB	30864	39162	1.31%	0.094%
41	15.228	2059	2064	2068	rVB	108053	135200	4.54%	0.323%
42	15.351	2079	2085	2091	rVV	1191614	1658833	55.68%	3.967%
43	15.481	2098	2107	2114	rBV	365663	499745	16.77%	1.195%
44	15.628	2129	2132	2138	rVB5	23848	39772	1.33%	0.095%
45	15.704	2138	2145	2152	rBV2	49031	86834	2.91%	0.208%
46	15.851	2165	2170	2179	rVB3	37030	88858	2.98%	0.212%
47	15.939	2179	2185	2191	rBV2	26690	48179	1.62%	0.115%
48	16.092	2206	2211	2218	rBV	140263	219734	7.37%	0.525%
49	16.651	2300	2306	2308	rBV2	29631	46451	1.56%	0.111%
50	16.769	2321	2326	2334	rVB2	71704	117398	3.94%	0.281%
51	16.845	2334	2339	2343	rBV2	39186	73557	2.47%	0.176%
52	16.892	2343	2347	2351	rVV	125685	167619	5.63%	0.401%
53	16.933	2351	2354	2362	rVB4	30776	57731	1.94%	0.138%
54	17.028	2366	2370	2377	rBV2	51384	71210	2.39%	0.170%
55	17.110	2377	2384	2389	rBV	1364265	2063766	69.27%	4.935%
56	17.157	2389	2392	2396	rVV	349532	453692	15.23%	1.085%
57	17.210	2396	2401	2413	rVB2	1206326	1801504	60.46%	4.308%
58	17.304	2413	2417	2423	rBV4	34848	65793	2.21%	0.157%
59	17.433	2434	2439	2444	rVB	66711	92839	3.12%	0.222%
60	17.522	2451	2454	2458	rVV	28350	39754	1.33%	0.095%
61	17.633	2469	2473	2478	rVV2	130850	160647	5.39%	0.384%
62	17.698	2480	2484	2488	rVB2	35856	53322	1.79%	0.128%
63	17.804	2497	2502	2506	rBV2	54815	74405	2.50%	0.178%
64	17.910	2515	2520	2524	rBV	56906	76800	2.58%	0.184%
65	17.986	2525	2533	2536	rBV2	101370	188649	6.33%	0.451%
66	18.027	2536	2540	2549	rVB2	555345	768057	25.78%	1.837%
67	18.169	2559	2564	2568	rBV2	110952	177408	5.95%	0.424%
68	18.210	2568	2571	2576	rVB	78480	103878	3.49%	0.248%
69	18.310	2582	2588	2595	rBV2	164727	274799	9.22%	0.657%
70	18.475	2612	2616	2620	rBV	111014	151664	5.09%	0.363%
71	18.516	2620	2623	2634	rVB3	55009	97136	3.26%	0.232%
72	18.616	2635	2640	2646	rVB9	18394	35482	1.19%	0.085%
73	18.716	2654	2657	2661	rVB2	34442	39798	1.34%	0.095%
74	18.763	2661	2665	2668	rBV2	49088	57476	1.93%	0.137%
75	18.880	2681	2685	2689	rBV	92033	134783	4.52%	0.322%
76	18.927	2689	2693	2698	rVV2	143556	205526	6.90%	0.491%

LSC Area Percent Report

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Data File : BP006665.D
Acq On : 12 Aug 2021 15:09
Operator : CG/JU
Sample : M3182-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00D1

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-BP081021.M
Title : SVOA CALIBRATION

77	18.969	2698	2700	2704	rVV	46517	52629	1.77%	0.126%
78	19.016	2704	2708	2715	rVB2	49735	99640	3.34%	0.238%
79	19.133	2723	2728	2733	rBV	770373	999499	33.55%	2.390%
80	19.204	2737	2740	2743	rBV	40482	39317	1.32%	0.094%
81	19.269	2747	2751	2757	rVB2	167777	269020	9.03%	0.643%
82	19.463	2778	2784	2787	rBV	1633635	2436271	81.77%	5.825%
83	19.486	2787	2788	2797	rVV	753488	729204	24.47%	1.744%
84	19.563	2797	2801	2808	rVB3	64354	105261	3.53%	0.252%
85	19.804	2838	2842	2850	rBV4	73158	169937	5.70%	0.406%
86	19.933	2860	2864	2866	rBV5	57872	90976	3.05%	0.218%
87	19.974	2868	2871	2874	rVV2	99809	132259	4.44%	0.316%
88	20.010	2874	2877	2881	rVB	117060	120160	4.03%	0.287%
89	20.074	2885	2888	2891	rBV	64014	74932	2.51%	0.179%
90	20.492	2957	2959	2964	rVB	79047	76347	2.56%	0.183%
91	20.710	2992	2996	3001	rBV	164927	222453	7.47%	0.532%
92	20.951	3033	3037	3042	rBV3	480567	655033	21.98%	1.566%
93	21.145	3067	3070	3074	rVB	356946	401708	13.48%	0.961%
94	21.221	3076	3083	3087	rBV2	1939930	2979493	100.00%	7.124%
95	21.257	3087	3089	3096	rVB	407530	477339	16.02%	1.141%
96	21.833	3184	3187	3196	rBV3	201604	408669	13.72%	0.977%
97	22.857	3353	3361	3369	rBV2	509804	1530425	51.37%	3.659%
98	23.392	3447	3452	3457	rBV2	998979	1678183	56.32%	4.013%
99	23.539	3471	3477	3484	rBV2	1117733	2194583	73.66%	5.248%
100	24.162	3579	3583	3591	rVB	328715	643642	21.60%	1.539%

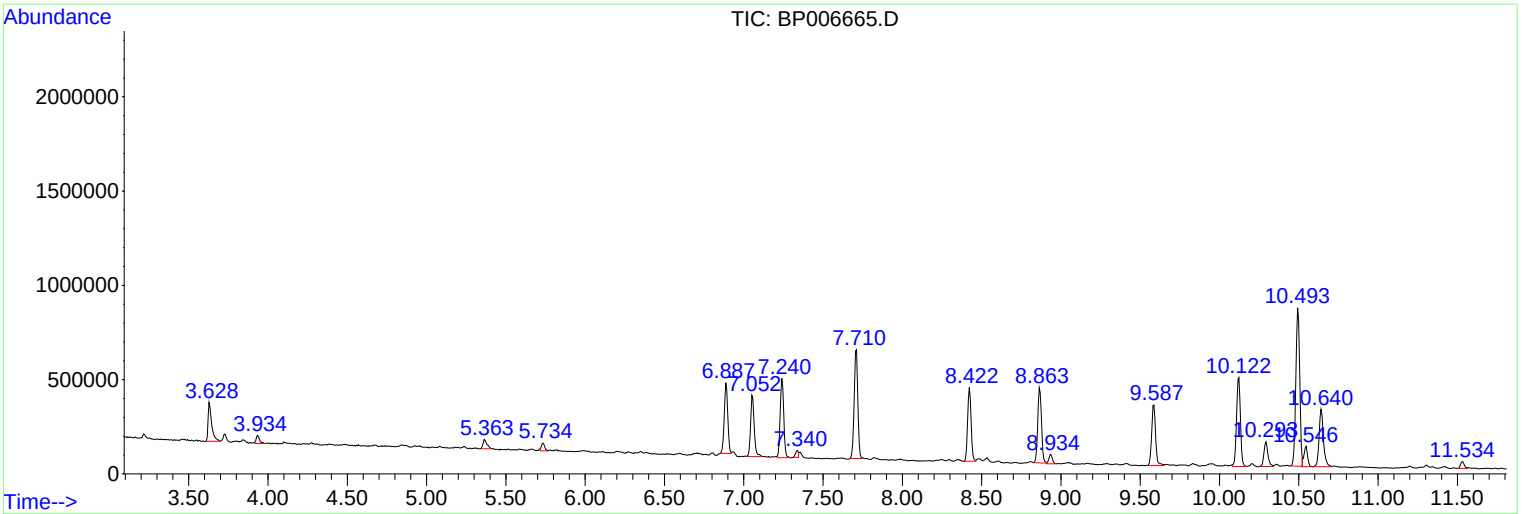
Sum of corrected areas: 41820920

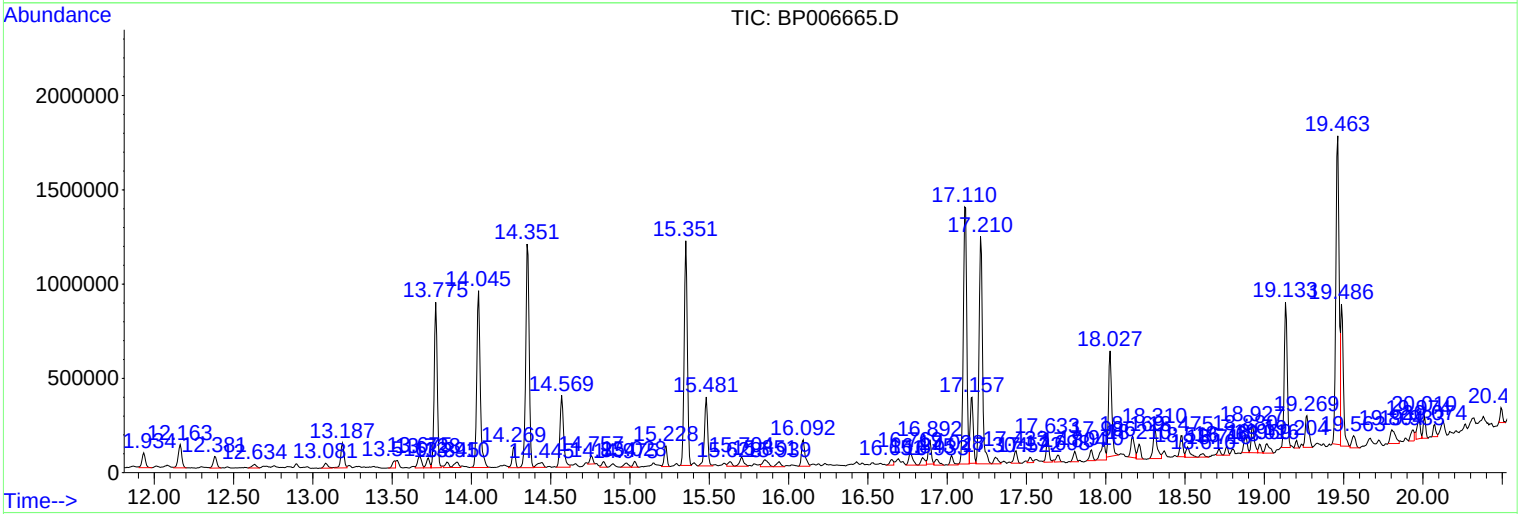
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081221\
Data File : BP006665.D
Acq On : 12 Aug 2021 15:09
Operator : CG/JU
Sample : M3182-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

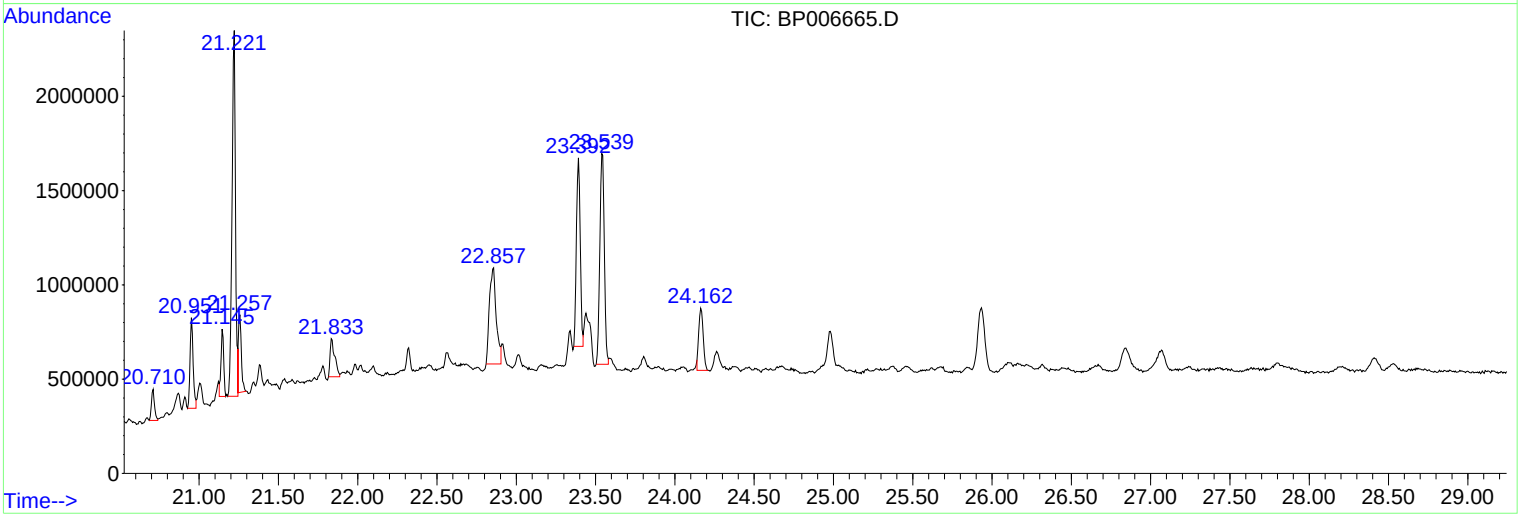
Instrument :
BNA_P
ClientSampleId :
C00D1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081221\
Data File : BP006665.D
Acq On : 12 Aug 2021 15:09
Operator : CG/JU
Sample : M3182-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00D1

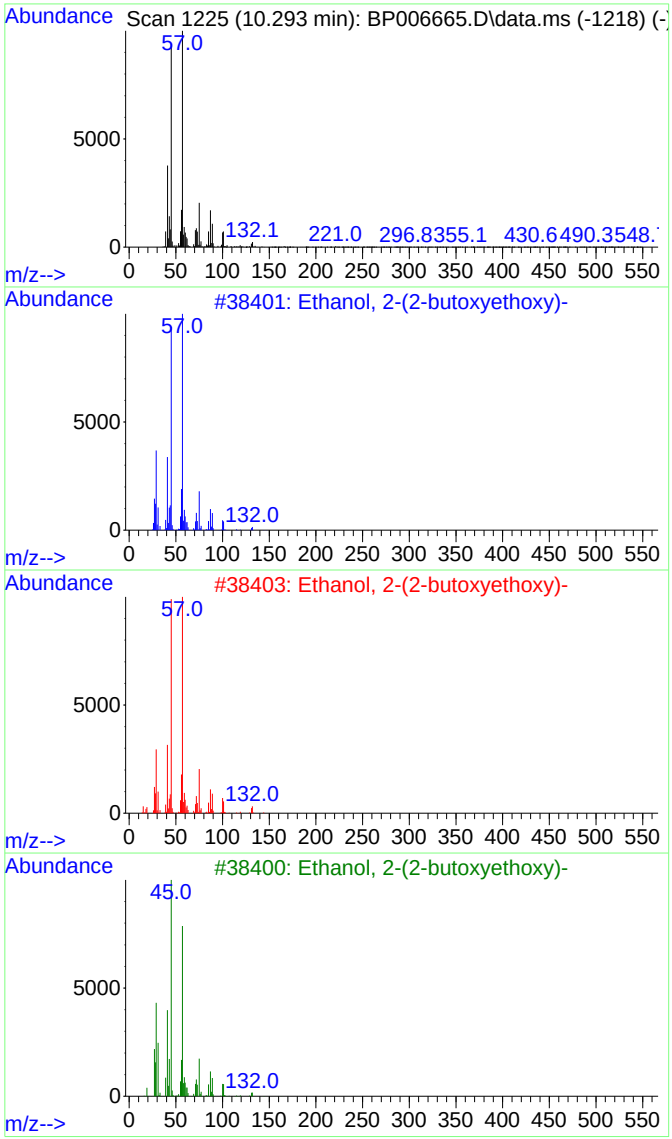
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

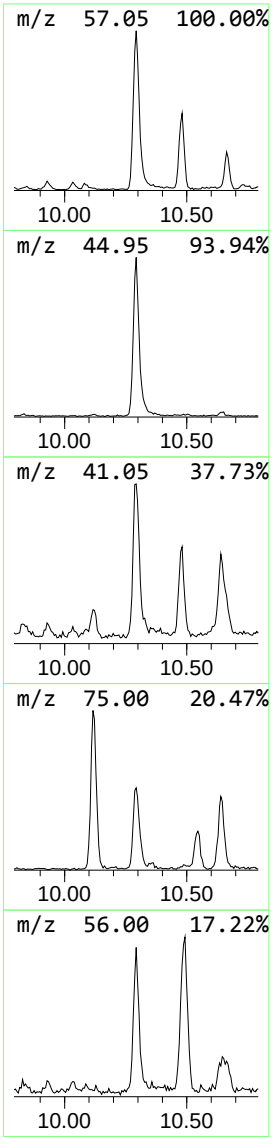
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.290	3.21 ng/ul	229940	Naphthalene-d8	10.493

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081221\
Data File : BP006665.D
Acq On : 12 Aug 2021 15:09
Operator : CG/JU
Sample : M3182-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C00D1

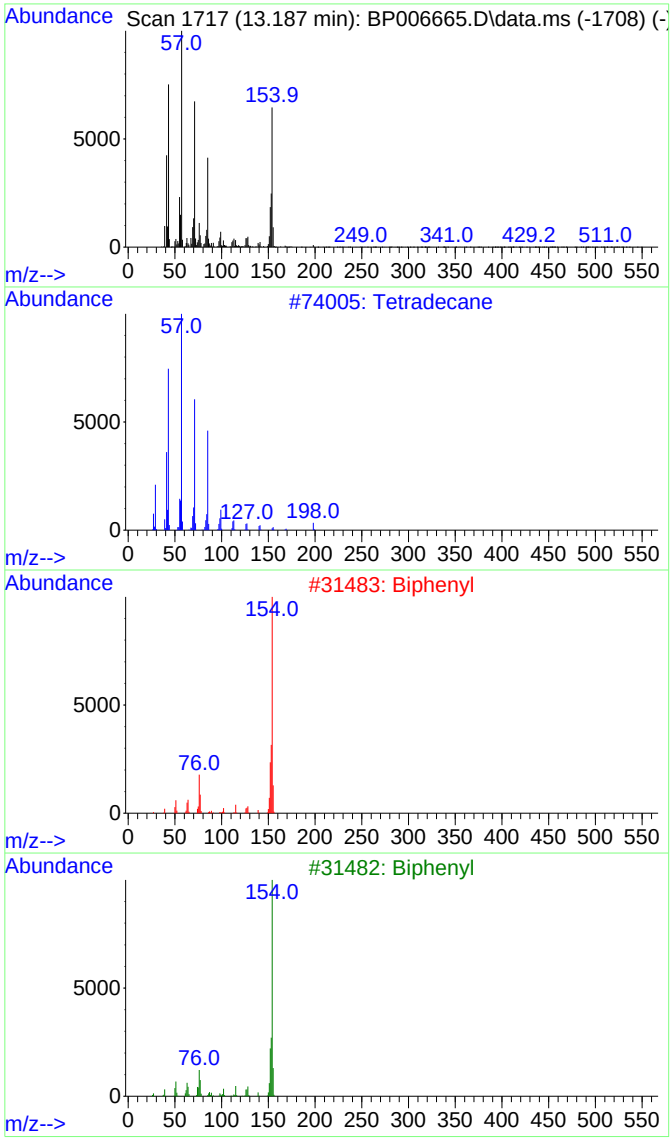
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

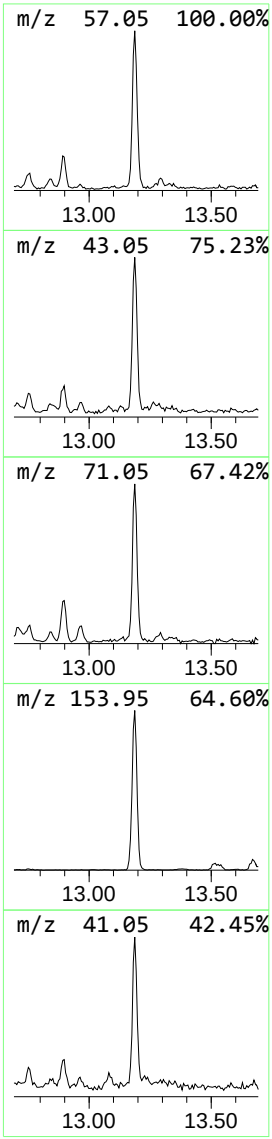
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.190	2.15 ng/ul	192766	Acenaphthene-d10	14.351

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	89
2	Biphenyl	154	C12H10	000092-52-4	83
3	Biphenyl	154	C12H10	000092-52-4	60
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	50
5	Biphenyl	154	C12H10	000092-52-4	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081221\
Data File : BP006665.D
Acq On : 12 Aug 2021 15:09
Operator : CG/JU
Sample : M3182-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00D1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

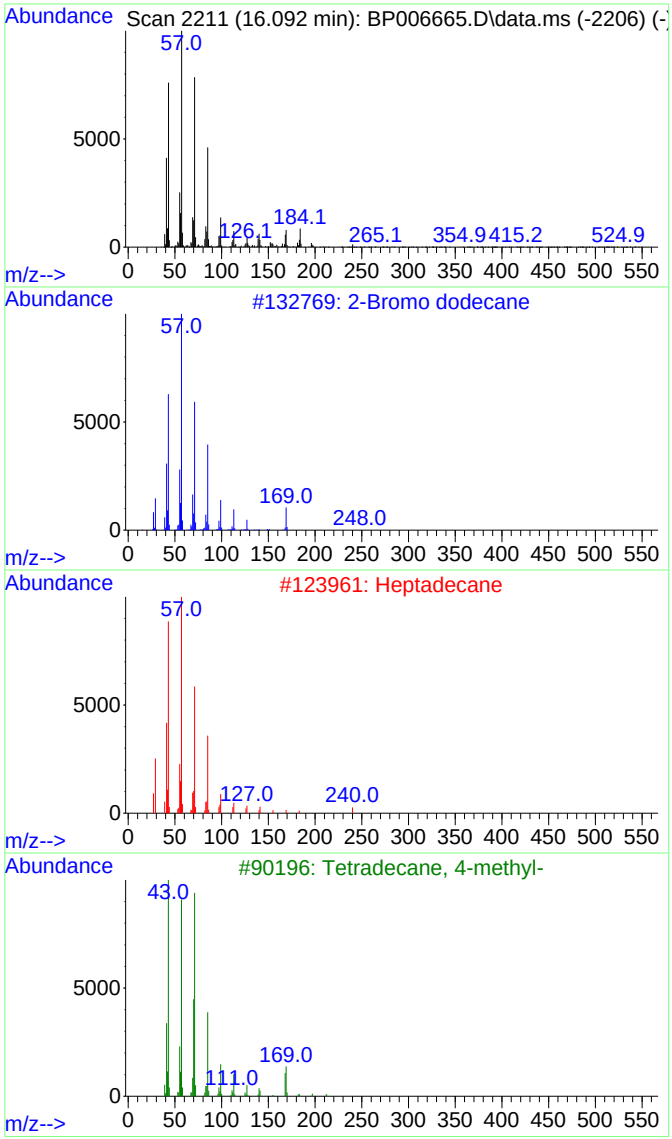
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

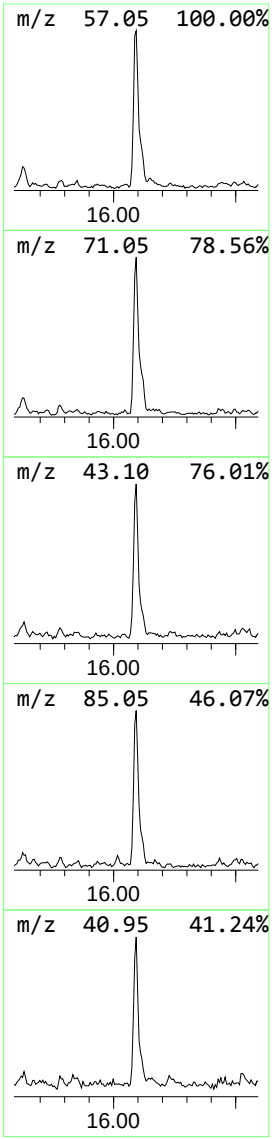
****

Peak Number 3 2-Bromo dodecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.090	2.13 ng/ul	219734	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	90
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081221\
Data File : BP006665.D
Acq On : 12 Aug 2021 15:09
Operator : CG/JU
Sample : M3182-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00D1

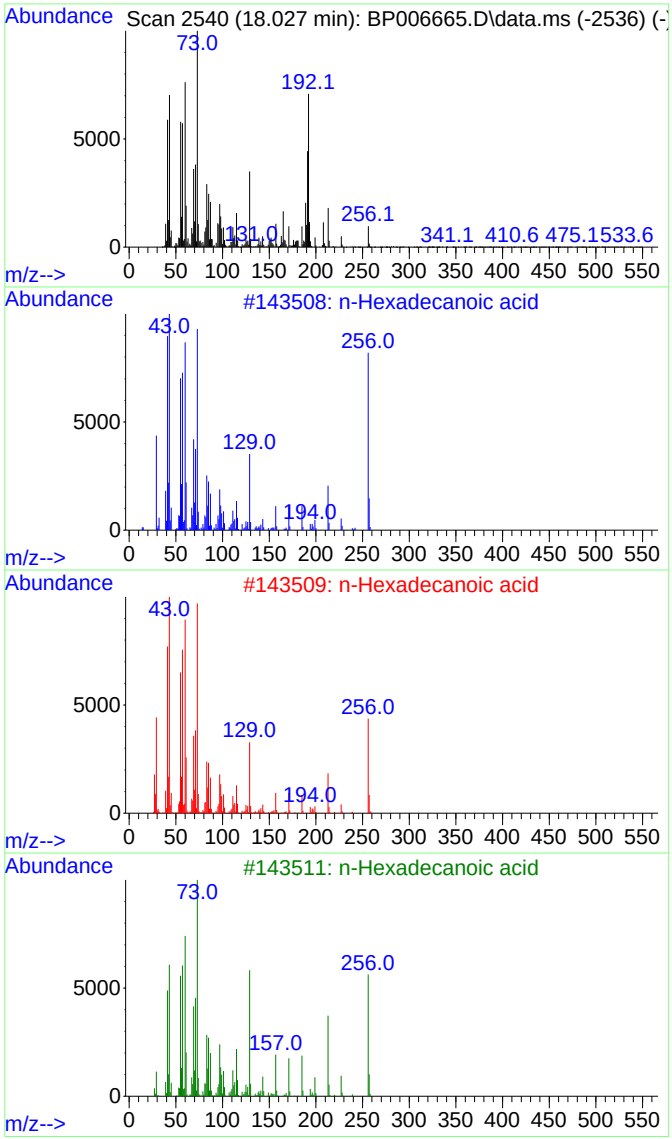
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

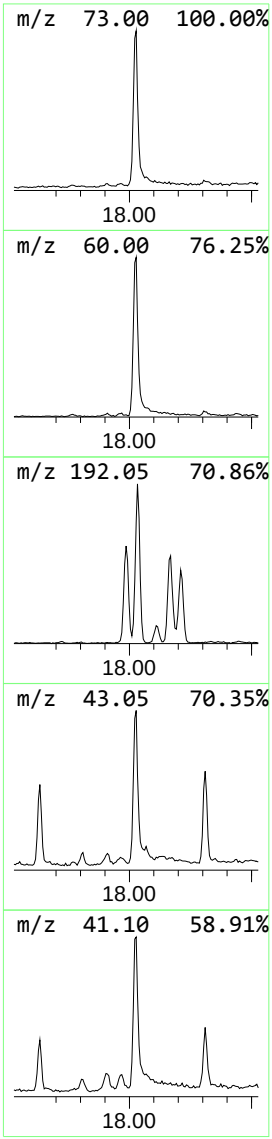
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.030	7.44 ng/ul	768057	Phenanthrene-d10	17.116

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	95
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081221\
Data File : BP006665.D
Acq On : 12 Aug 2021 15:09
Operator : CG/JU
Sample : M3182-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00D1

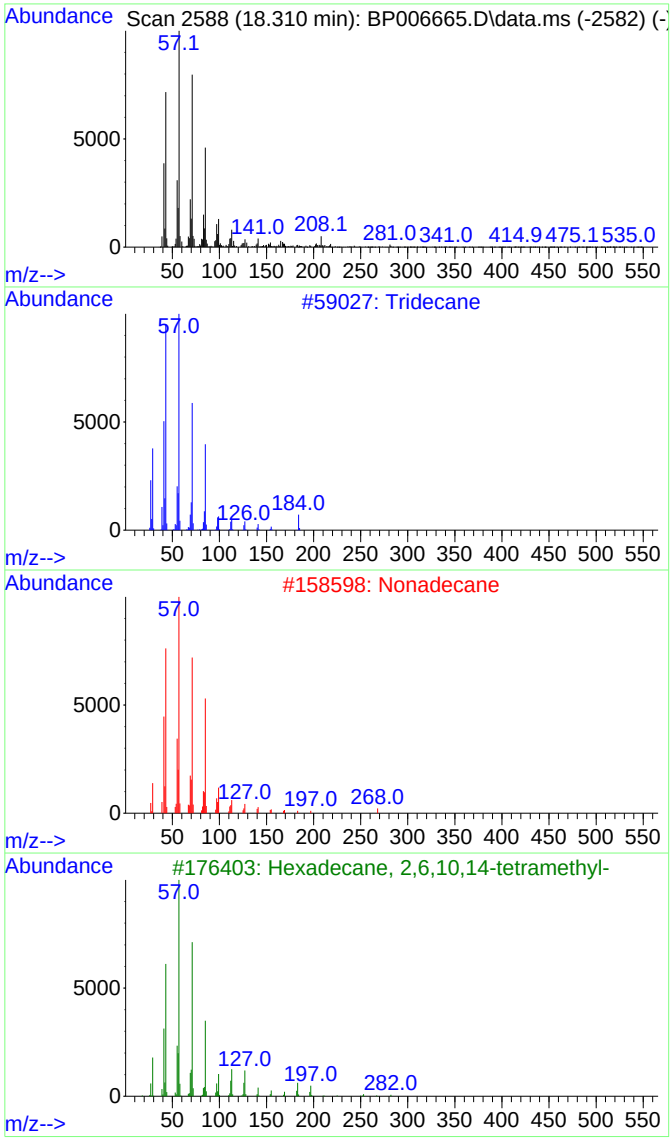
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

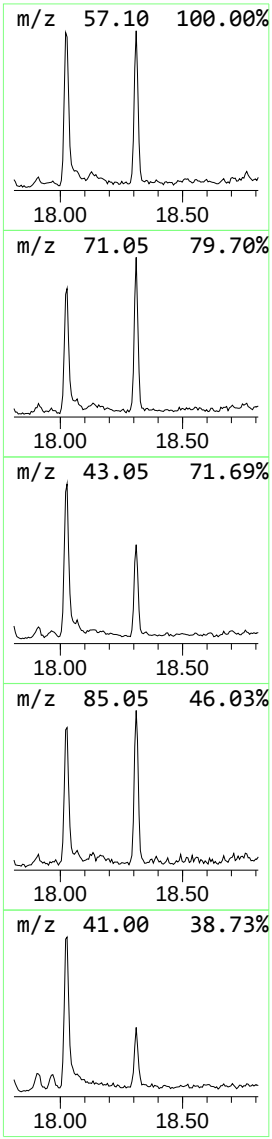
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	2.66 ng/ul	274799	Phenanthrene-d10	17.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Nonadecane	268	C19H40	000629-92-5	90
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	87
5	Heptacosane	380	C27H56	000593-49-7	86





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Data File : BP006665.D
Acq On : 12 Aug 2021 15:09
Operator : CG/JU
Sample : M3182-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00D1

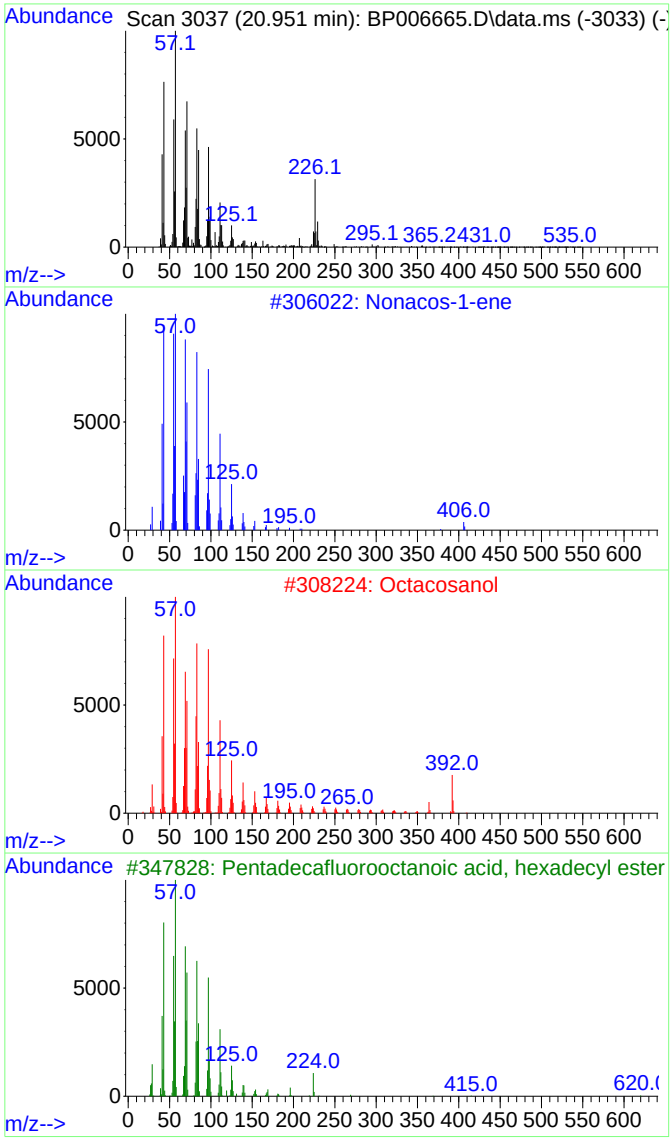
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

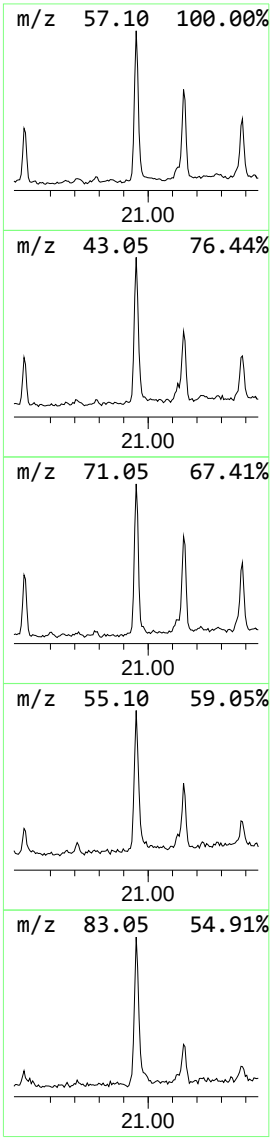
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.950	4.40 ng/ul	655033	Chrysene-d12	21.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacos-1-ene	406	C29H58	018835-35-3	87
2	Octacosanol	410	C28H58O	000557-61-9	78
3	Pentadecafluorooctanoic acid, he...	638	C24H33F15O2	1000406-04-6	76
4	Cyclohexadecane	224	C16H32	000295-65-8	70
5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	70





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Acq On : 12 Aug 2021 15:09
Operator : CG/JU
Sample : M3182-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00D1

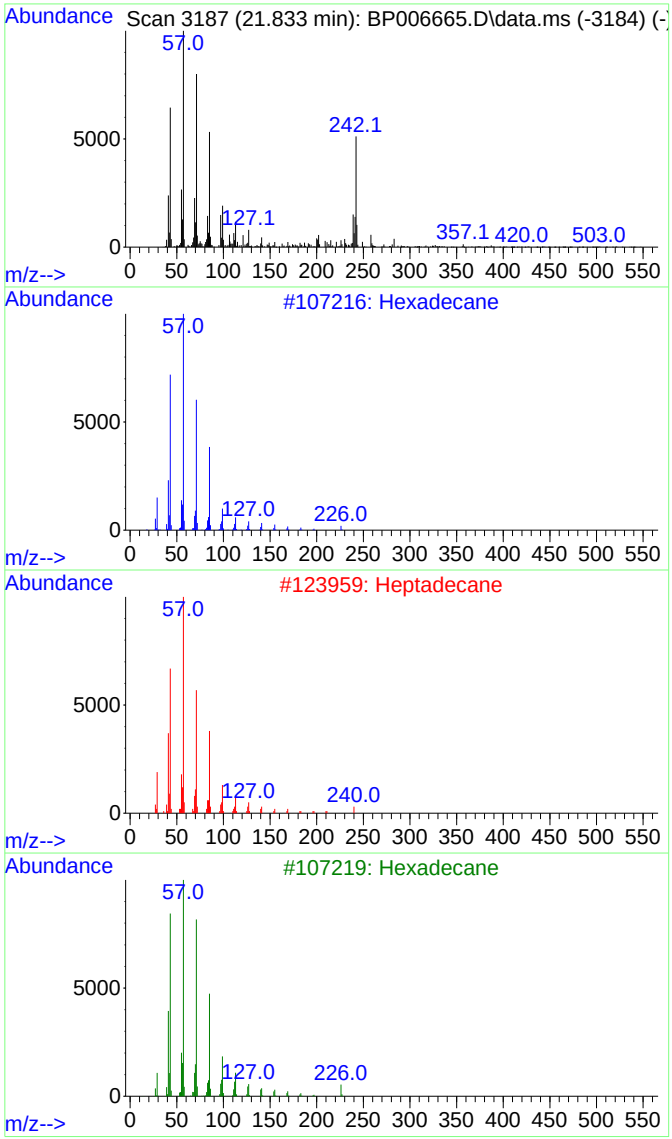
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

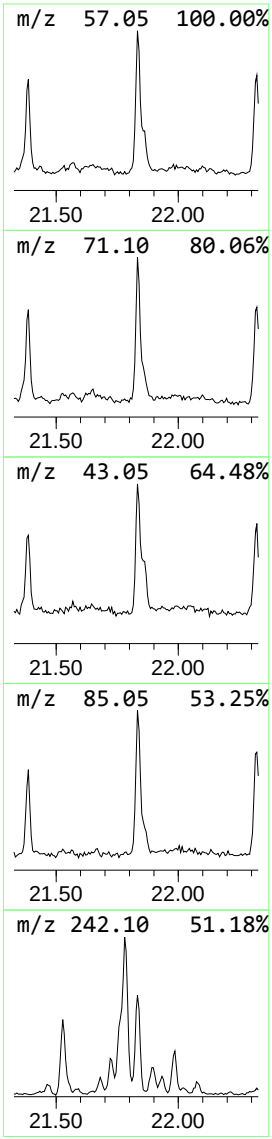
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.830	2.74 ng/ul	408669	Chrysene-d12	21.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Heptadecane	240	C17H36	000629-78-7	83
3	Hexadecane	226	C16H34	000544-76-3	78
4	Heptadecane	240	C17H36	000629-78-7	78
5	Heptadecane	240	C17H36	000629-78-7	64





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Data File : BP006665.D
Acq On : 12 Aug 2021 15:09
Operator : CG/JU
Sample : M3182-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00D1

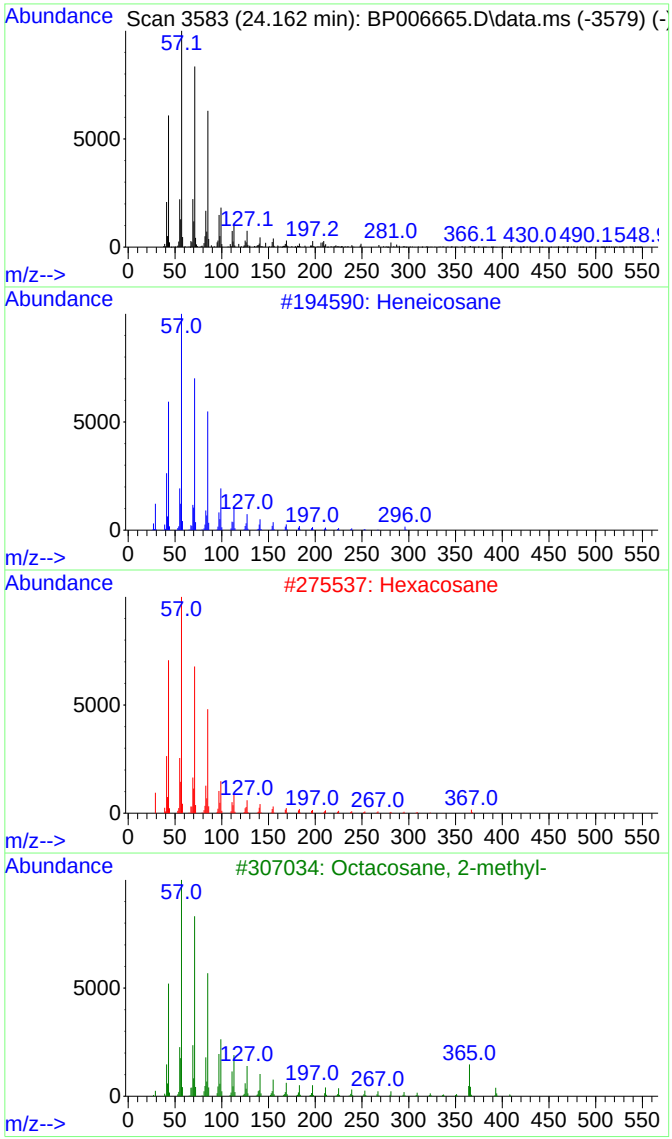
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION

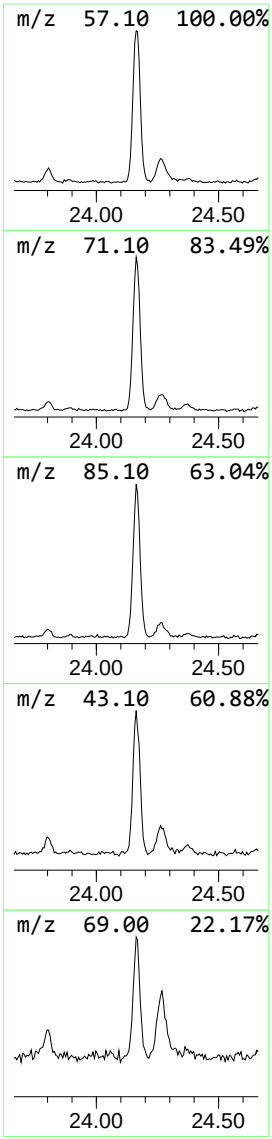
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.160	5.87 ng/ul	643642	Perylene-d12	23.539

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Hexacosane	366	C26H54	000630-01-3	91
3	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	91
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081221\
Data File : BP006665.D
Acq On : 12 Aug 2021 15:09
Operator : CG/JU
Sample : M3182-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C00D1

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.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
Ethanol, 2-(2-b...	10.290	3.2	ng/ul	229940	2	10.493	1431010	20.0
(DEL) Alkane: S...	13.190	2.1	ng/ul	192766	3	14.351	1796730	20.0
2-Bromo dodecane	16.090	2.1	ng/ul	219734	4	17.116	2063770	20.0
n-Hexadecanoic ...	18.030	7.4	ng/ul	768057	4	17.116	2063770	20.0
(DEL) Alkane: S...	18.310	2.7	ng/ul	274799	4	17.116	2063770	20.0
(DEL) Alkane: S...	20.950	4.4	ng/ul	655033	5	21.221	2979490	20.0
(DEL) Alkane: S...	21.830	2.7	ng/ul	408669	5	21.221	2979490	20.0
(DEL) Alkane: S...	24.160	5.9	ng/ul	643642	6	23.539	2194580	20.0