LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080324\
Data File : BP021356.D
Acq On : 04 Aug 2024 00:27
Operator : CG/JU
Sample : P3278-15
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : E1ZR7

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-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021356.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.052	9	11	15	rVB5	7839	7956	0.24%	0.028%
2	3.164	26	30	36	rVB	20043	24348	0.73%	0.085%
3	3.675	111	117	126	rVB3	22361	38061	1.14%	0.133%
4	3.840	142	145	147	rBV3	3870	3357	0.10%	0.012%
5	4.287	218	221	227	rVB2	8018	10110	0.30%	0.035%
6	4.375	233	236	241	rBV5	5878	9257	0.28%	0.032%
7	4.422	241	244	252	rVB3	8764	13846	0.42%	0.048%
8	4.658	280	284	286	rBV5	4625	6265	0.19%	0.022%
9	4.769	298	303	316	rBV	44096	68963	2.07%	0.241%
10	5.558	431	437	443	rBV5	7630	12864	0.39%	0.045%
11	5.728	460	466	470	rVB8	3835	6076	0.18%	0.021%
12	6.134	531	535	539	rBV7	2266	4127	0.12%	0.014%
13	6.293	557	562	568	rVB	23806	39317	1.18%	0.138%
14	6.705	627	632	635	rBV5	4152	6826	0.20%	0.024%
15	6.858	649	658	673	rBV	174397	511904	15.35%	1.792%
16	6.975	673	678	700	rVB	216137	439103	13.17%	1.537%
17	7.181	706	713	731	rBV	280471	550185	16.50%	1.926%
18	7.440	753	757	763	rBV9	2730	5199	0.16%	0.018%
19	7.616	780	787	803	rBV	611031	1072018	32.15%	3.753%
20	7.734	805	807	815	rVV9	7074	14699	0.44%	0.051%
21	7.805	817	819	825	rVB7	3429	4654	0.14%	0.016%
22	8.363	907	914	930	rBV	228015	617114	18.51%	2.160%
23	8.787	979	986	1006	rBV	233627	494497	14.83%	1.731%
24	9.104	1037	1040	1046	rVB3	9812	16474	0.49%	0.058%
25	9.357	1079	1083	1085	rBV4	9545	14427	0.43%	0.051%
26	9.422	1092	1094	1100	rVB7	2847	4013	0.12%	0.014%
27	9.499	1100	1107	1127	rBV	186843	406709	12.20%	1.424%
28	9.793	1156	1157	1163	rVB5	2427	3416	0.10%	0.012%
29	9.881	1163	1172	1197	rBV2	110748	448250	13.44%	1.569%
30	10.063	1197	1203	1226	rVV	174293	571483	17.14%	2.001%
31	10.381	1250	1257	1276	rBV	763518	1487750	44.62%	5.208%
32	10.563	1281	1288	1316	rVV2	149978	512622	15.37%	1.795%
33	10.822	1330	1332	1338	rVB7	2632	4503	0.14%	0.016%
34	11.222	1389	1400	1405	rBV4	13534	41838	1.25%	0.146%
35	11.587	1457	1462	1470	rVB4	3416	7043	0.21%	0.025%
36	11.728	1478	1486	1492	rBV5	13733	26098	0.78%	0.091%

LSC Area Percent Report

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Misc :
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Instrument :
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ClientSampleId :
E1ZR7

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-BP071024.MA.M
Title : SVOA CALIBRATION

37	12.010	1529	1534	1538	rBV6	5303	9899	0.30%	0.035%
38	13.057	1706	1712	1716	rBV8	3831	7422	0.22%	0.026%
39	13.128	1720	1724	1726	rBV5	2695	3563	0.11%	0.012%
40	13.204	1734	1737	1743	rVB8	3303	6161	0.18%	0.022%
41	13.540	1792	1794	1801	rVB8	3795	7385	0.22%	0.026%
42	13.616	1801	1807	1809	rBV7	1930	3554	0.11%	0.012%
43	13.675	1809	1817	1830	rBV	505477	959520	28.78%	3.359%
44	13.957	1853	1865	1882	rBV2	680643	1185915	35.57%	4.152%
45	14.145	1895	1897	1900	rVB4	3307	3690	0.11%	0.013%
46	14.257	1909	1916	1936	rBV	1215841	1986695	59.58%	6.955%
47	14.492	1947	1956	1963	rBV5	26263	65027	1.95%	0.228%
48	14.663	1977	1985	1991	rBV4	51204	157043	4.71%	0.550%
49	15.051	2048	2051	2054	rVV5	5219	7941	0.24%	0.028%
50	15.110	2057	2061	2071	rVB5	8516	19118	0.57%	0.067%
51	15.286	2084	2091	2108	rBV	901733	1502923	45.08%	5.261%
52	15.475	2118	2123	2130	rBV	120756	219509	6.58%	0.768%
53	15.616	2143	2147	2152	rVB7	16032	24877	0.75%	0.087%
54	16.004	2209	2213	2217	rBV6	6004	12012	0.36%	0.042%
55	16.492	2290	2296	2300	rBV9	4658	10466	0.31%	0.037%
56	16.816	2349	2351	2353	rBV3	4286	3816	0.11%	0.013%
57	17.004	2377	2383	2389	rBV6	14109	30212	0.91%	0.106%
58	17.086	2390	2397	2404	rVV	1507856	2446655	73.38%	8.565%
59	17.186	2408	2414	2436	rVB	987324	1633047	48.98%	5.717%
60	17.375	2444	2446	2453	rVB8	5473	9612	0.29%	0.034%
61	17.769	2509	2513	2519	rVB8	12066	17335	0.52%	0.061%
62	17.892	2529	2534	2539	rBV8	9661	20379	0.61%	0.071%
63	18.010	2548	2554	2569	rBV3	140445	368571	11.05%	1.290%
64	19.198	2753	2756	2758	rBV2	22816	30822	0.92%	0.108%
65	19.345	2777	2781	2788	rBV3	81896	160354	4.81%	0.561%
66	19.575	2814	2820	2830	rBV	1213795	1998276	59.93%	6.995%
67	21.174	3088	3092	3101	rVB3	161102	297853	8.93%	1.043%
68	21.521	3146	3151	3165	rVB2	1590566	2854808	85.62%	9.994%
69	24.598	3665	3674	3683	rVB	575979	1661601	49.83%	5.817%
70	24.815	3702	3711	3725	rVB	1106693	3334222	100.00%	11.672%

Sum of corrected areas: 28565655

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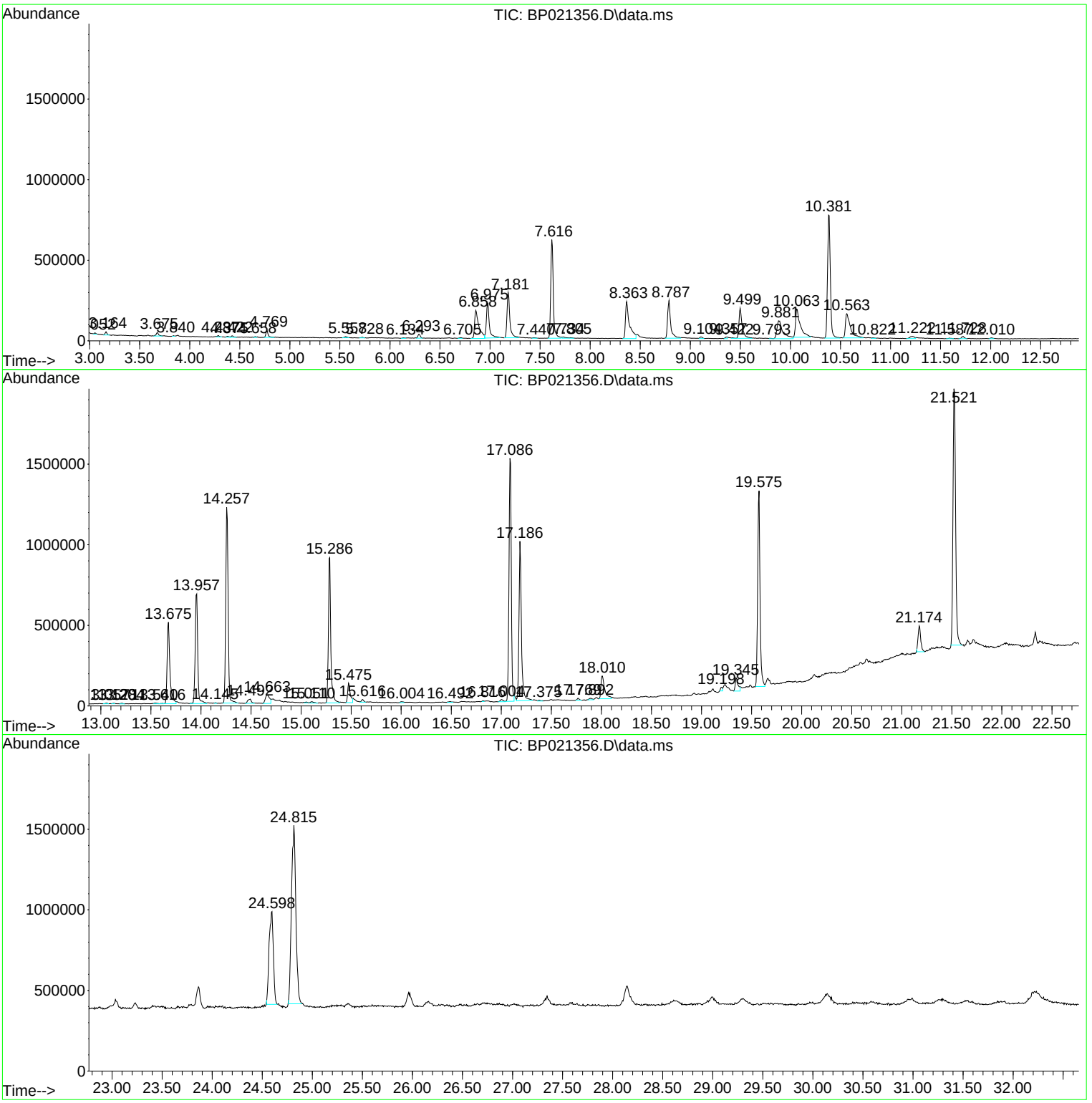
Instrument :
BNA_P
ClientSampleId :
E1ZR7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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



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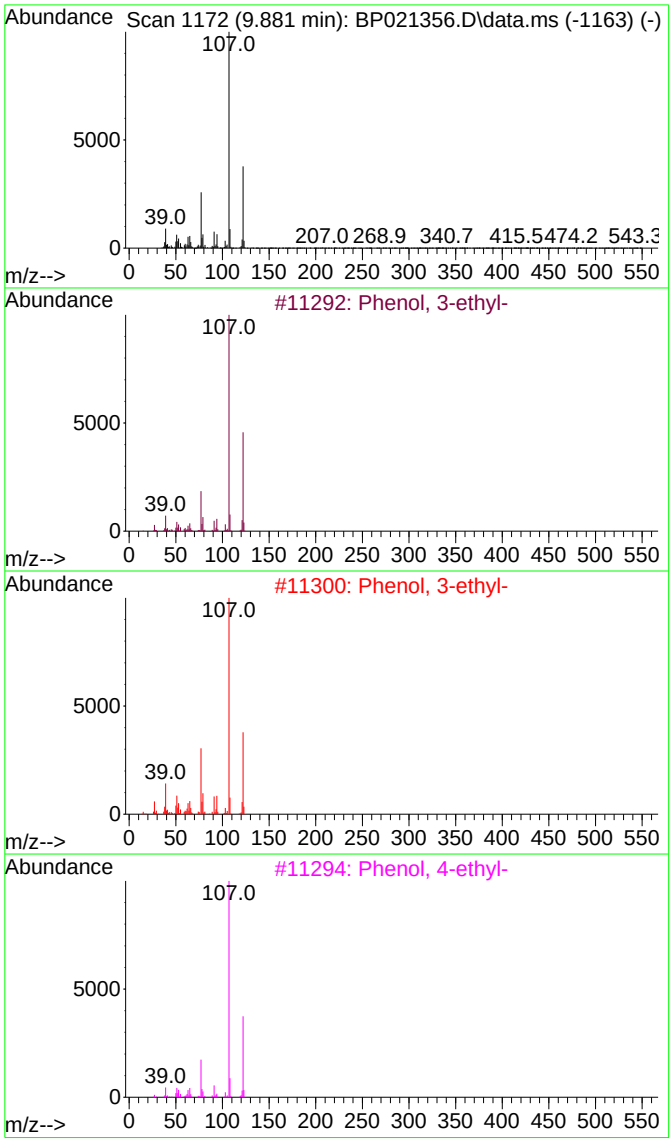
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

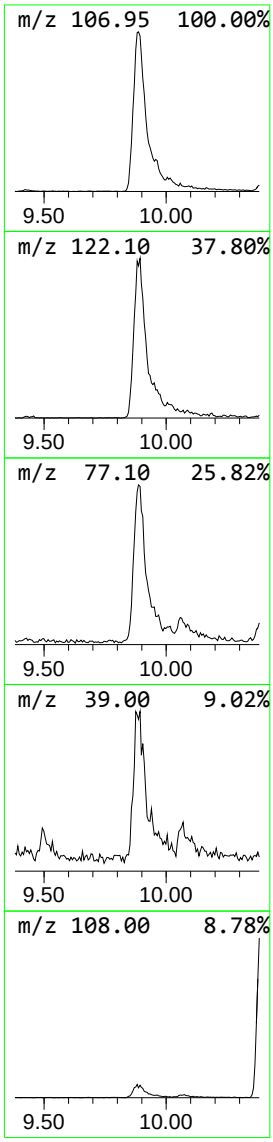
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Phenol, 3-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.881	6.03 ng/ul	448250	Naphthalene-d8	10.381

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	95
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	94
3	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	93
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	93
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91





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Instrument :
BNA_P
ClientSampleId :
E1ZR7

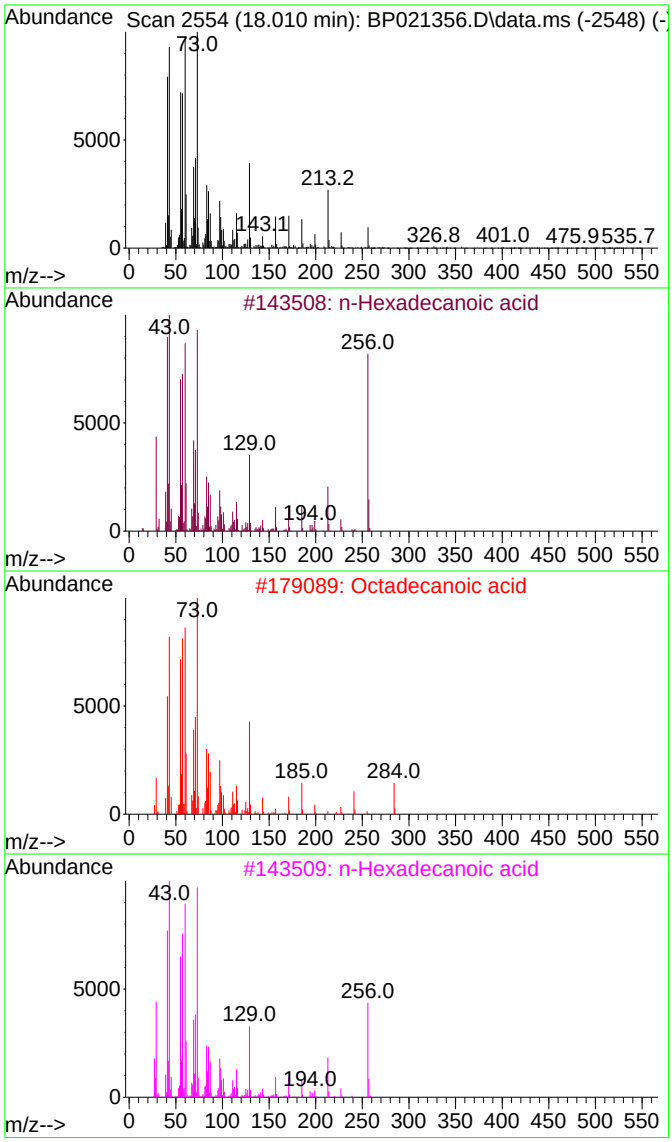
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

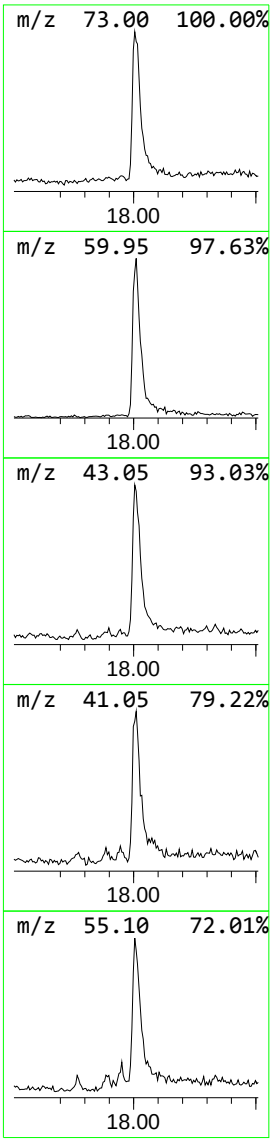
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.010	3.01 ng/ul	368571	Phenanthrene-d10	17.086

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86





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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
E1ZR7

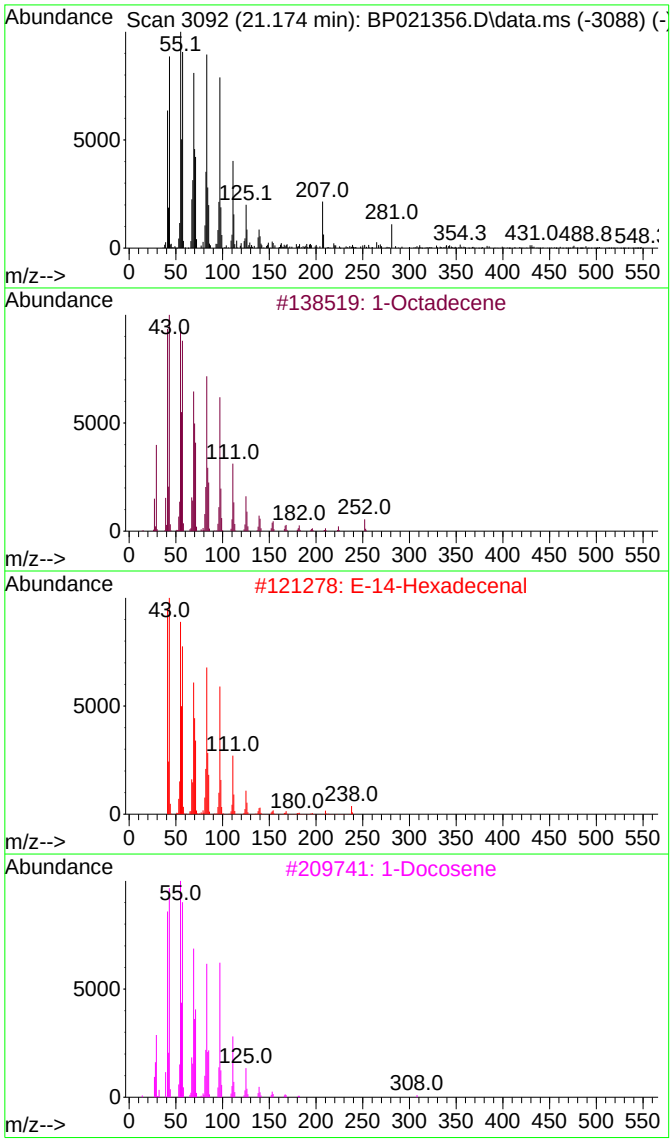
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

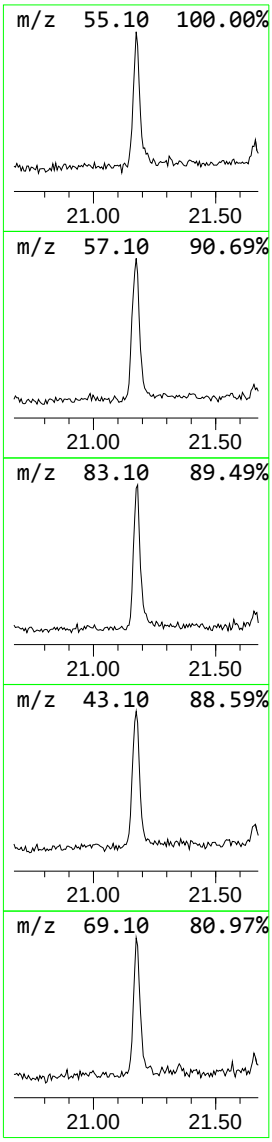
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.174	2.09 ng/ul	297853	Chrysene-d12	21.522

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	98
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	96
3	1-Docosene	308	C22H44	001599-67-3	95
4	1-Hexadecanol	242	C16H34O	036653-82-4	93
5	1-Heneicosanol	312	C21H44O	015594-90-8	93





Tentatively Identified Compound (LSC) summary

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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
Phenol, 3-ethyl-	9.881	6.0	ng/ul	448250	2	10.381	1487750	20.0
n-Hexadecanoic ...	18.010	3.0	ng/ul	368571	4	17.086	2446660	20.0
(DEL) Alkane: S...	21.174	2.1	ng/ul	297853	5	21.522	2854810	20.0