LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001887.D
Acq On : 25 Feb 2020 06:43
Operator : CG/JU
Sample : L1542-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD48

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\SOM-EPA-BP021820MA.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.923	3	6	21	rVB	1037418	1525806	9.89%	1.011%
2	3.170	44	48	62	rVB	131078	200146	1.30%	0.133%
3	3.440	91	94	106	rBV	27014	47236	0.31%	0.031%
4	3.899	169	172	179	rVB	16186	23440	0.15%	0.016%
5	4.799	320	325	333	rBV	28834	50483	0.33%	0.033%
6	6.828	662	670	681	rBV	2254059	3777360	24.49%	2.504%
7	6.993	689	698	710	rVB	1858378	2868832	18.60%	1.901%
8	7.187	722	731	741	rBV	2470652	3903248	25.31%	2.587%
9	7.269	741	745	751	rVB2	23265	35772	0.23%	0.024%
10	7.458	770	777	787	rBV	18385	36184	0.23%	0.024%
11	7.652	799	810	819	rBV	1431794	2273993	14.74%	1.507%
12	7.728	819	823	829	rVB	38583	57752	0.37%	0.038%
13	8.358	922	930	942	rBV	2916375	4561538	29.58%	3.023%
14	8.793	996	1004	1015	rBV	2214381	3553973	23.04%	2.356%
15	8.975	1032	1035	1043	rVB7	11265	20112	0.13%	0.013%
16	9.287	1080	1088	1095	rVB	48258	80757	0.52%	0.054%
17	9.511	1118	1126	1135	rBV	1851333	2992623	19.40%	1.984%
18	10.052	1210	1218	1240	rBV	2989352	5084462	32.97%	3.370%
19	10.422	1273	1281	1290	rBV	2007628	3395191	22.01%	2.250%
20	10.558	1296	1304	1319	rBV	3008843	5011386	32.49%	3.322%
21	12.022	1547	1553	1559	rVB2	54090	93584	0.61%	0.062%
22	13.210	1750	1755	1760	rBV	34999	58972	0.38%	0.039%
23	13.704	1832	1839	1843	rBV	5232119	7282380	47.22%	4.827%
24	13.746	1843	1846	1855	rVB	623577	850395	5.51%	0.564%
25	13.975	1877	1885	1897	rBV	6326301	9487513	61.51%	6.288%
26	14.287	1931	1938	1946	rBV	3342072	4863578	31.53%	3.224%
27	14.487	1964	1972	1996	rBV	2444400	3576813	23.19%	2.371%
28	14.710	2006	2010	2018	rVB2	27927	43040	0.28%	0.029%
29	15.122	2073	2080	2084	rBV4	12785	18046	0.12%	0.012%
30	15.287	2101	2108	2116	rBV	8013697	11796410	76.48%	7.819%
31	15.404	2122	2128	2141	rBV	1923418	2683611	17.40%	1.779%
32	15.528	2144	2149	2155	rVB	101986	147051	0.95%	0.097%
33	15.987	2225	2227	2234	rVB8	10869	16714	0.11%	0.011%
34	16.075	2238	2242	2249	rVB3	37353	59776	0.39%	0.040%

LSC Area Percent Report

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Instrument : BNA_P
ClientSampleId : DBD48

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\SOM-EPA-BP021820MA.M
Title : SVOA CALIBRATION

35	16.310	2278	2282	2286	rVB	18974	24113	0.16%	0.016%
36	16.722	2348	2352	2357	rVB	18730	25124	0.16%	0.017%
37	16.822	2365	2369	2380	rVB2	19252	49579	0.32%	0.033%
38	17.040	2400	2406	2416	rBV	4437763	6208725	40.25%	4.115%
39	17.140	2416	2423	2436	rVV	8897141	12627100	81.87%	8.369%
40	17.245	2437	2441	2446	rVB6	21453	29823	0.19%	0.020%
41	17.410	2465	2469	2473	rBV3	9130	17690	0.11%	0.012%
42	17.457	2473	2477	2482	rBV	77845	105860	0.69%	0.070%
43	17.734	2521	2524	2530	rVB8	11400	20917	0.14%	0.014%
44	17.916	2551	2555	2558	rBV5	12830	19670	0.13%	0.013%
45	17.963	2558	2563	2577	rBV	508443	904680	5.87%	0.600%
46	18.134	2589	2592	2596	rVB2	23987	29825	0.19%	0.020%
47	18.251	2607	2612	2623	rVB	55540	86955	0.56%	0.058%
48	18.381	2631	2634	2640	rBV3	55648	76551	0.50%	0.051%
49	18.798	2702	2705	2709	rVB5	14323	16538	0.11%	0.011%
50	19.028	2739	2744	2748	rBV	128124	173566	1.13%	0.115%
51	19.204	2770	2774	2781	rBV2	81068	131015	0.85%	0.087%
52	19.275	2781	2786	2794	rVB	111038	155292	1.01%	0.103%
53	19.386	2798	2805	2816	rVB	11438618	15423569	100.00%	10.223%
54	19.916	2892	2895	2897	rBV3	17778	20020	0.13%	0.013%
55	20.875	3053	3058	3074	rBV	859035	1177955	7.64%	0.781%
56	21.133	3096	3102	3111	rBV	6069196	7603586	49.30%	5.040%
57	21.251	3118	3122	3128	rBV	192683	315253	2.04%	0.209%
58	21.310	3129	3132	3136	rVB	103595	108884	0.71%	0.072%
59	21.745	3202	3206	3217	rBV2	165039	251722	1.63%	0.167%
60	22.204	3281	3284	3289	rVB	219645	278337	1.80%	0.184%
61	22.622	3351	3355	3362	rVB	125656	194989	1.26%	0.129%
62	22.716	3367	3371	3376	rVB	269366	384774	2.49%	0.255%
63	23.210	3447	3455	3463	rBV	8211018	15398111	99.83%	10.206%
64	23.286	3464	3468	3472	rVV	290005	511799	3.32%	0.339%
65	23.345	3472	3478	3494	rVB2	3752819	7201125	46.69%	4.773%
66	23.939	3574	3579	3586	rVB	248732	457825	2.97%	0.303%
67	24.692	3703	3707	3716	rVB	179226	363583	2.36%	0.241%

Sum of corrected areas: 150872732

LSC Report - Integrated Chromatogram

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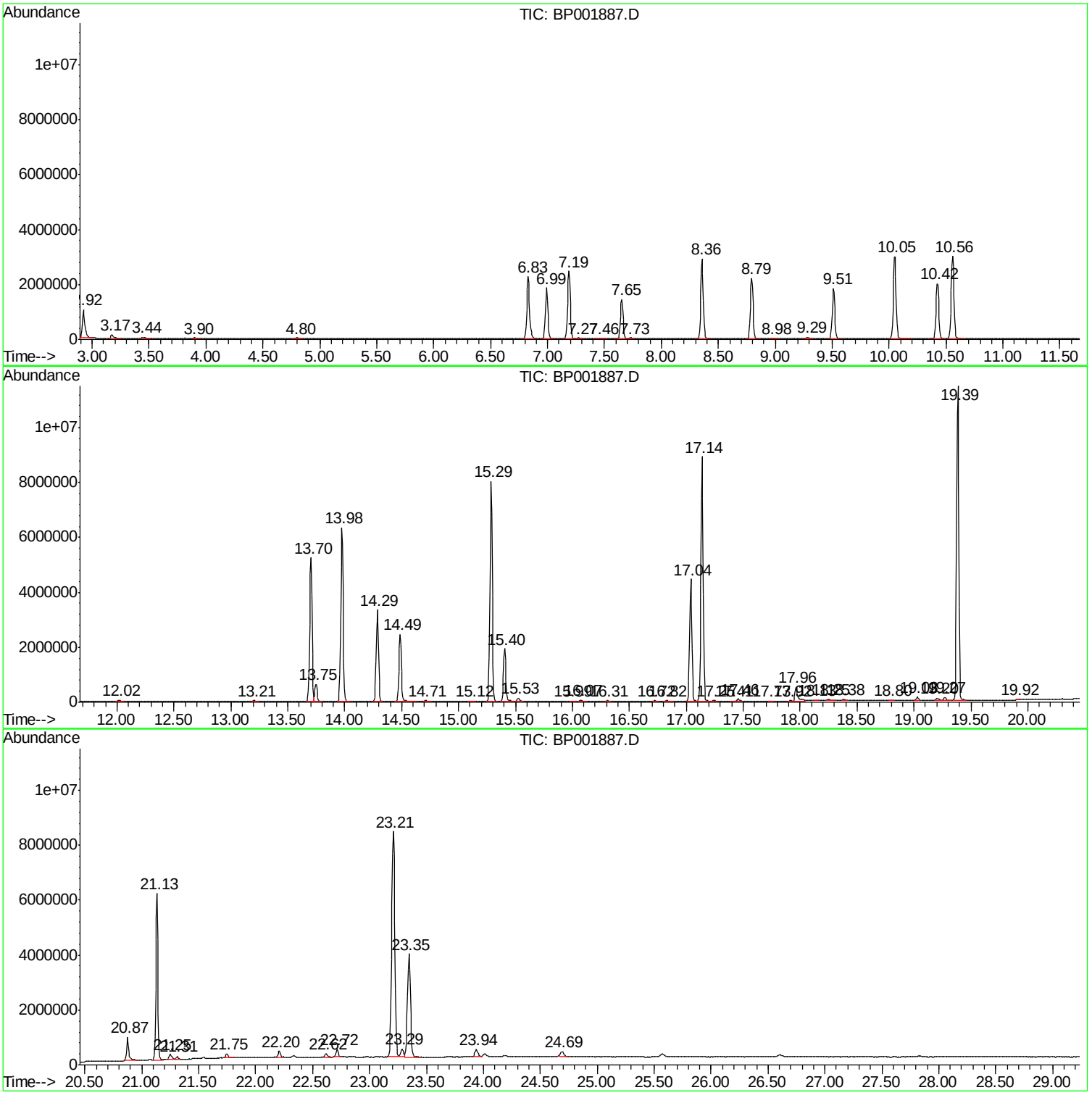
Sample : L1542-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD48

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
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Quant Title : SVOA CALIBRATION

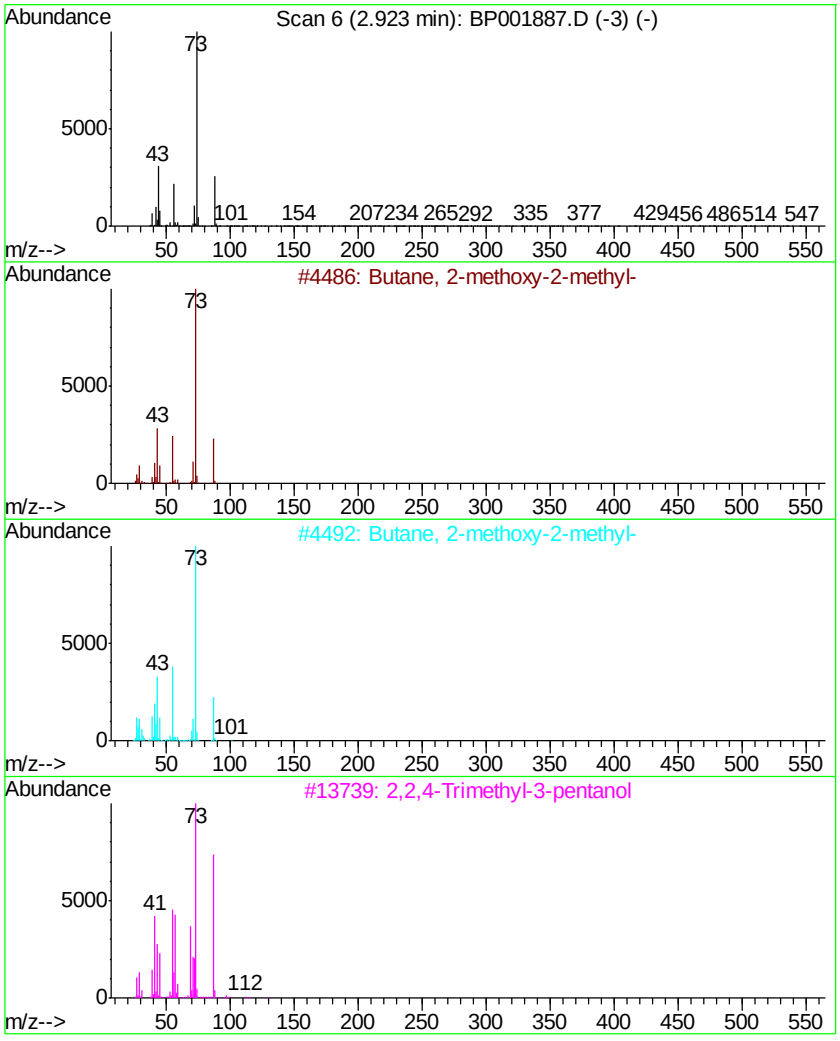
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

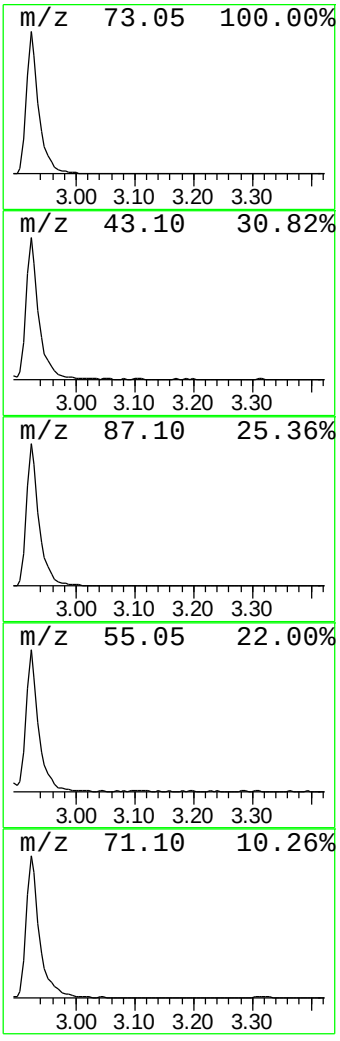
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	13.42 ng/ul	1525810	1,4-Dichlorobenzene-d4	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001887.D
Acq On : 25 Feb 2020 06:43
Operator : CG/JU
Sample : L1542-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD48

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

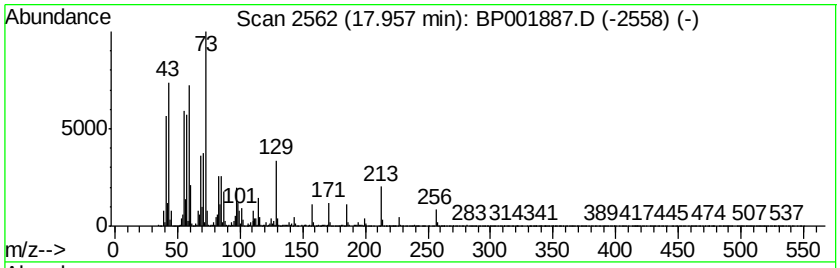
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

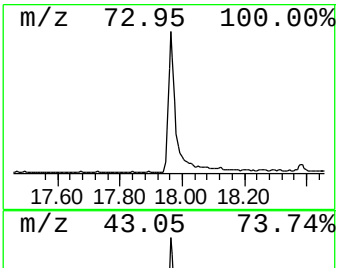
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.91 ng/ul	904680	Phenanthrene-d10	17.04

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	98
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4	Tridecanoic acid	214	C13H26O2	000638-53-9	87
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001887.D
Acq On : 25 Feb 2020 06:43
Operator : CG/JU
Sample : L1542-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD48

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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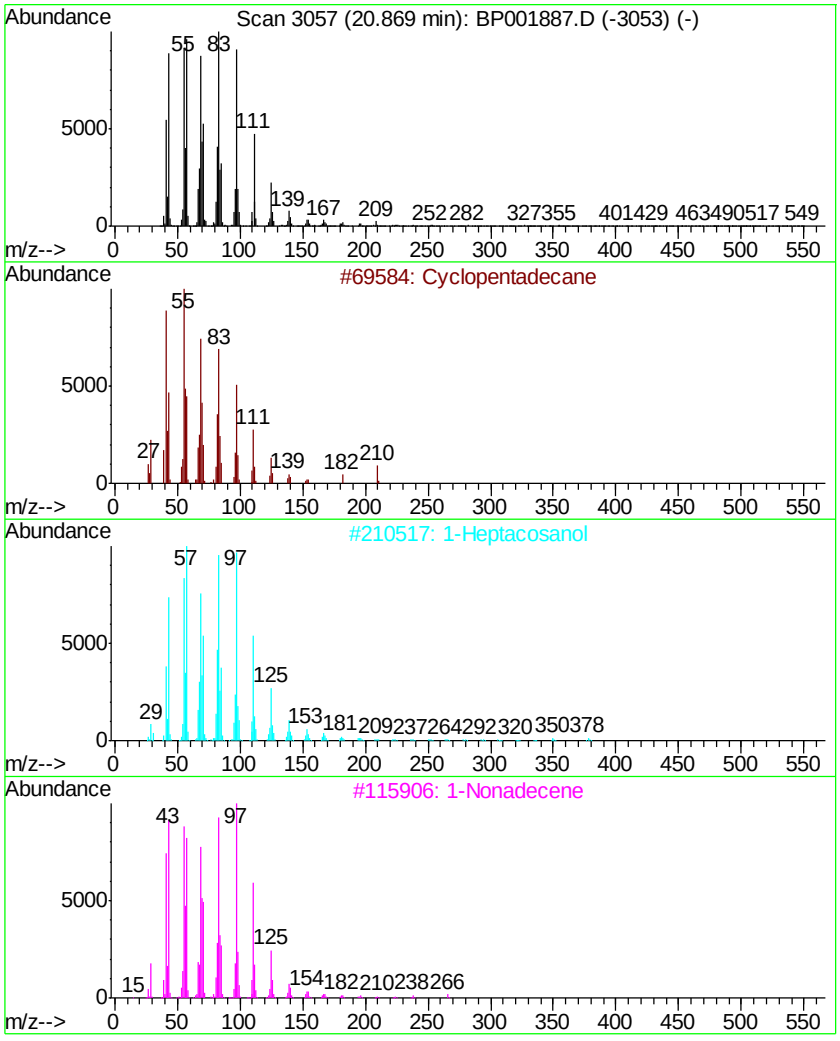
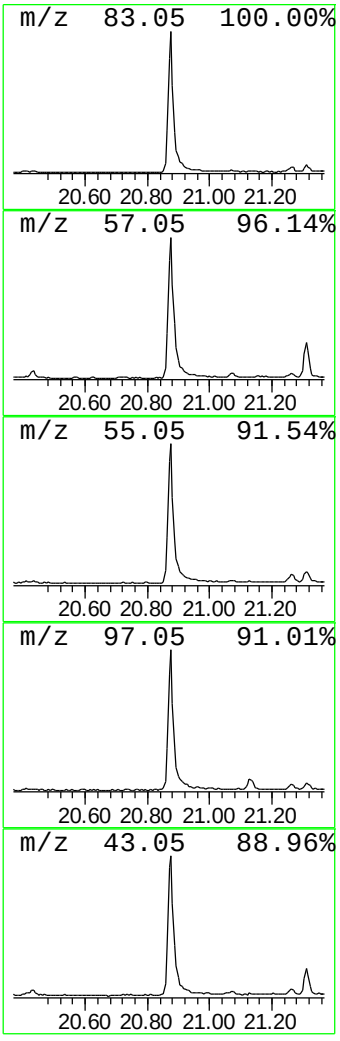
Peak Number 3 (DEL) Alkane: Cyclic20.87 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	3.10 ng/ul	1177960	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	95
2	1-Heptacosanol	396	C27H56O	002004-39-9	95
3	1-Nonadecene	266	C19H38	018435-45-5	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022420\
Data File : BP001887.D
Acq On : 25 Feb 2020 06:43
Operator : CG/JU
Sample : L1542-12
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : DBD48

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.92	13.4	ng/ul	1525810	1	7.65	2273990	20.0
n-Hexadecanoic acid	17.96	2.9	ng/ul	904680	4	17.04	6208730	20.0
(DEL) Alkane: Cyc...	20.87	3.1	ng/ul	1177960	5	21.13	7603590	20.0