LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022920\
Data File : BP001957.D
Acq On : 29 Feb 2020 14:00
Operator : CG/JU
Sample : L1708-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0CA0

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-BP022720MA.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	2.922	3	6	19	rVB	424613	620372	7.14%	0.857%
2	3.170	43	48	55	rVB	58727	88673	1.02%	0.123%
3	3.899	168	172	177	rVB2	10403	15609	0.18%	0.022%
4	4.799	320	325	332	rVB	29410	44149	0.51%	0.061%
5	6.822	663	669	681	rVB2	209706	423475	4.87%	0.585%
6	6.981	687	696	707	rBV	874282	1353932	15.58%	1.871%
7	7.181	722	730	742	rBV	900848	1465934	16.87%	2.026%
8	7.640	799	808	819	rBV	883715	1423118	16.37%	1.967%
9	8.346	921	928	944	rBV	663389	1066614	12.27%	1.474%
10	8.781	992	1002	1016	rBV	983760	1612318	18.55%	2.228%
11	9.275	1080	1086	1093	rVB	99588	150713	1.73%	0.208%
12	9.504	1118	1125	1141	rBV	795326	1309008	15.06%	1.809%
13	10.040	1208	1216	1241	rBV	1288738	2257509	25.97%	3.120%
14	10.416	1268	1280	1297	rBV	1200294	2100158	24.16%	2.903%
15	10.557	1297	1304	1321	rVB	44762	103854	1.19%	0.144%
16	11.763	1504	1509	1516	rVB2	21949	35121	0.40%	0.049%
17	12.016	1545	1552	1561	rBV	21498	45079	0.52%	0.062%
18	12.498	1628	1634	1640	rVB6	5622	10270	0.12%	0.014%
19	13.198	1748	1753	1758	rBV7	5827	10610	0.12%	0.015%
20	13.692	1829	1837	1842	rBV	2739700	3779625	43.48%	5.224%
21	13.740	1842	1845	1853	rVB	127410	173109	1.99%	0.239%
22	13.969	1876	1884	1895	rBV	3008716	4607738	53.01%	6.368%
23	14.281	1929	1937	1945	rBV	1876647	2819179	32.43%	3.896%
24	14.481	1965	1971	1987	rBV	93531	209906	2.41%	0.290%
25	15.275	2099	2106	2120	rBV	4226540	5999329	69.02%	8.291%
26	15.392	2120	2126	2142	rVV	911880	1332239	15.33%	1.841%
27	15.522	2142	2148	2154	rVB2	49873	80583	0.93%	0.111%
28	16.063	2233	2240	2247	rVB5	20041	38706	0.45%	0.053%
29	16.716	2346	2351	2355	rBV4	8530	14338	0.16%	0.020%
30	16.816	2363	2368	2376	rVB2	20522	38910	0.45%	0.054%
31	17.028	2397	2404	2414	rBV	2397373	3413680	39.27%	4.718%
32	17.128	2414	2421	2439	rVV2	4579515	6588576	75.80%	9.106%
33	17.363	2455	2461	2465	rVB2	10687	18361	0.21%	0.025%
34	17.951	2557	2561	2569	rBV2	85822	145440	1.67%	0.201%

LSC Area Percent Report

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Misc :
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Instrument : BNA_P
ClientSampleId : C0CA0

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-BP022720MA.M
Title : SVOA CALIBRATION

35	18.063	2578	2580	2588	rVB8	5905	9054	0.10%	0.013%
36	18.239	2606	2610	2617	rBV4	11558	19835	0.23%	0.027%
37	18.951	2728	2731	2736	rVB7	5460	9356	0.11%	0.013%
38	19.022	2739	2743	2747	rBV	56026	71609	0.82%	0.099%
39	19.192	2769	2772	2780	rBV5	25466	44602	0.51%	0.062%
40	19.263	2780	2784	2792	rVB	49983	71564	0.82%	0.099%
41	19.375	2797	2803	2814	rVV2	5935312	8092836	93.11%	11.185%
42	19.610	2840	2843	2846	rBV2	8285	10466	0.12%	0.014%
43	20.869	3052	3057	3062	rBV2	209328	341572	3.93%	0.472%
44	20.916	3063	3065	3074	rVB	57875	92861	1.07%	0.128%
45	21.122	3095	3100	3116	rBV	3118486	4139455	47.62%	5.721%
46	21.239	3117	3120	3127	rVV2	46304	79145	0.91%	0.109%
47	21.304	3127	3131	3137	rVV	127116	146518	1.69%	0.202%
48	21.733	3200	3204	3210	rBV	209661	255556	2.94%	0.353%
49	22.198	3278	3283	3288	rVB	306219	389090	4.48%	0.538%
50	22.704	3364	3369	3381	rVB	361151	548635	6.31%	0.758%
51	23.192	3445	3452	3461	rBV	4607933	8691804	100.00%	12.013%
52	23.268	3461	3465	3470	rVV	391914	681487	7.84%	0.942%
53	23.333	3470	3476	3492	rVB	2271324	4374789	50.33%	6.046%
54	23.921	3571	3576	3584	rVB	288225	532481	6.13%	0.736%
55	24.674	3699	3704	3711	rVB	177726	357084	4.11%	0.494%

Sum of corrected areas: 72356034

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Misc :
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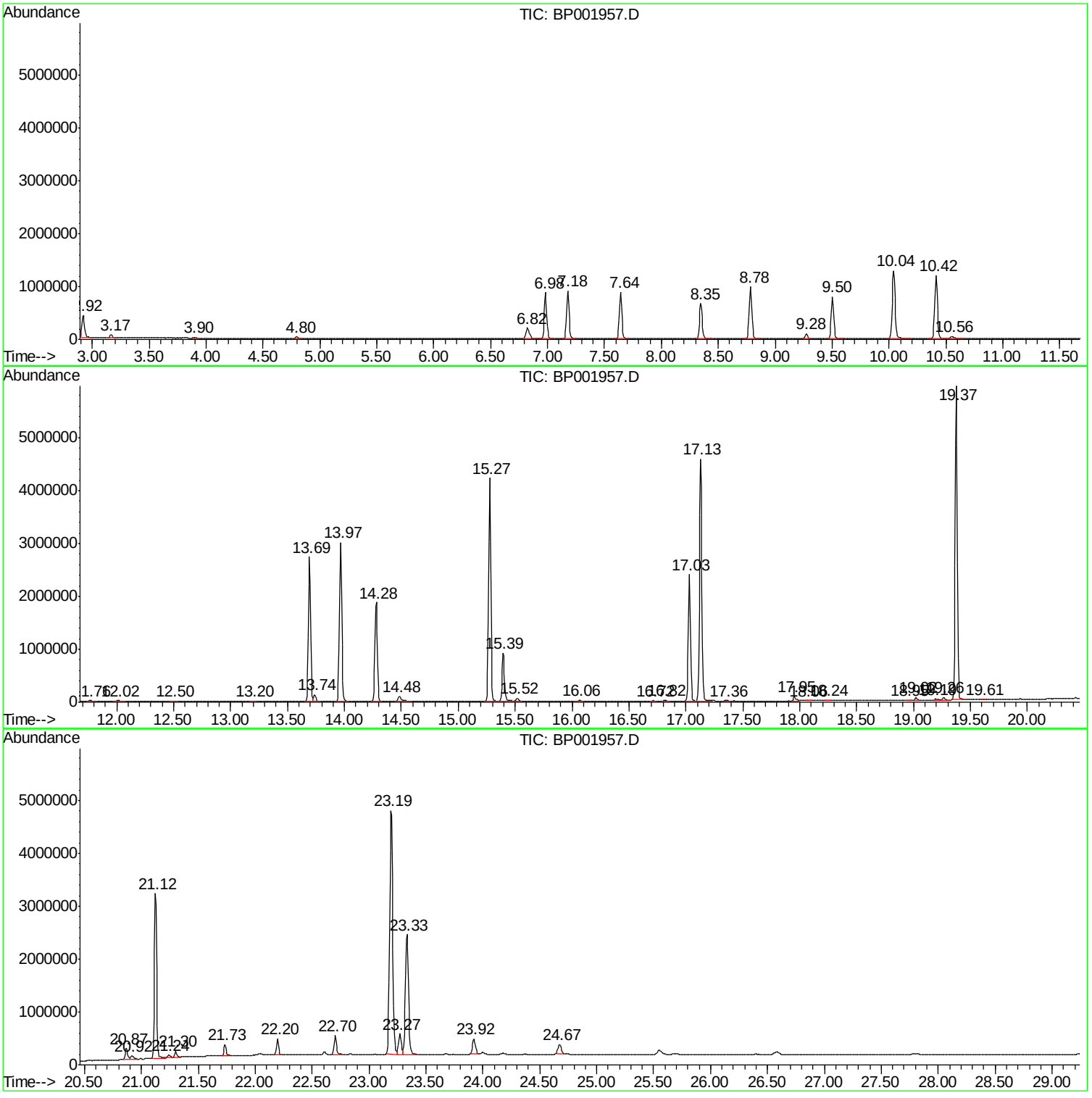
Instrument : BNA_P
ClientSampleId : C0CA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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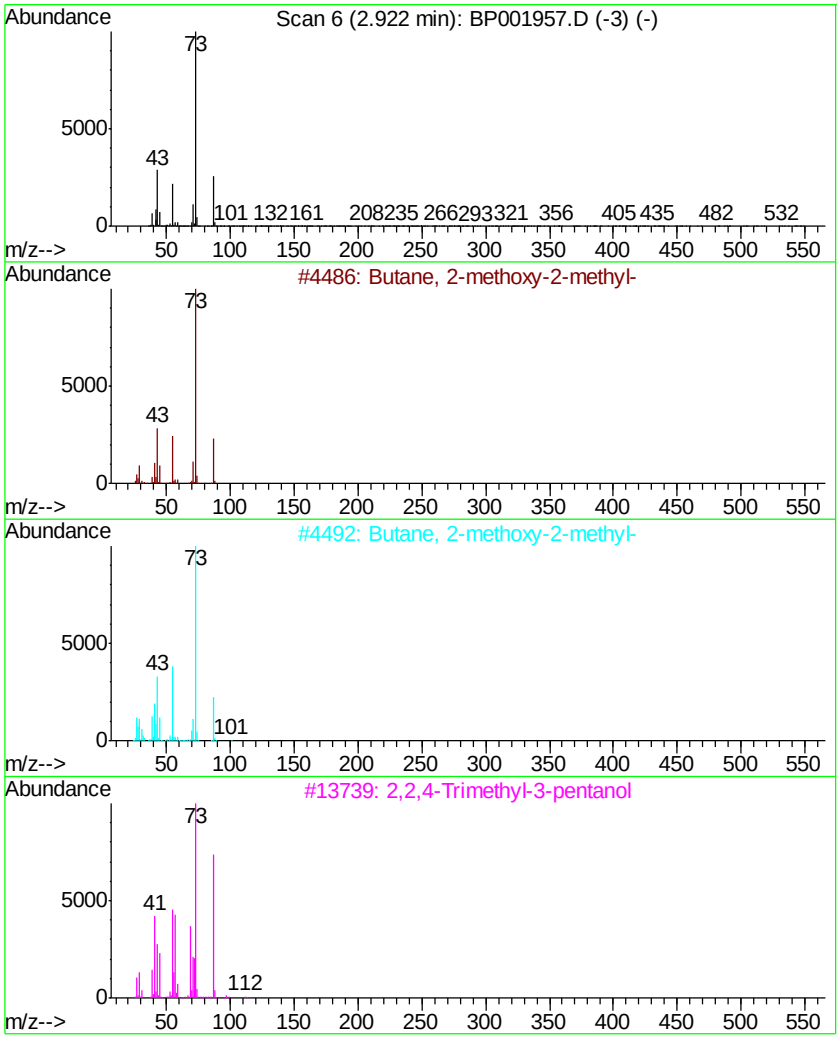
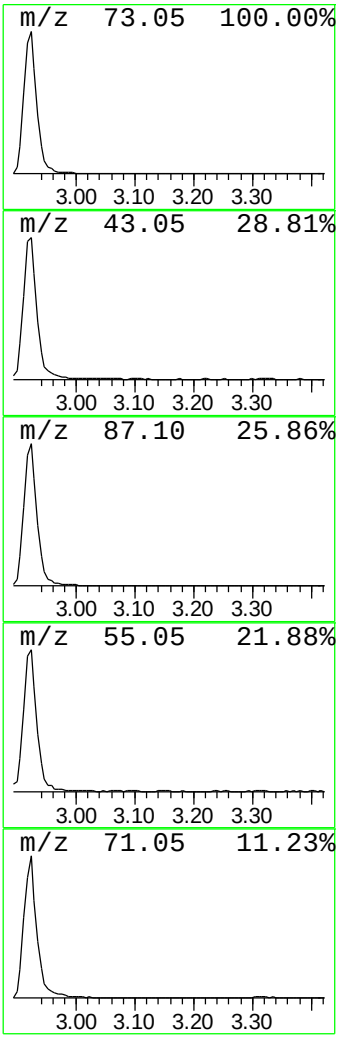
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	8.72 ng/ul	620372	1,4-Dichlorobenzene-d4	7.64

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	40
4	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





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Instrument : BNA_P
ClientSampleId : C0CA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

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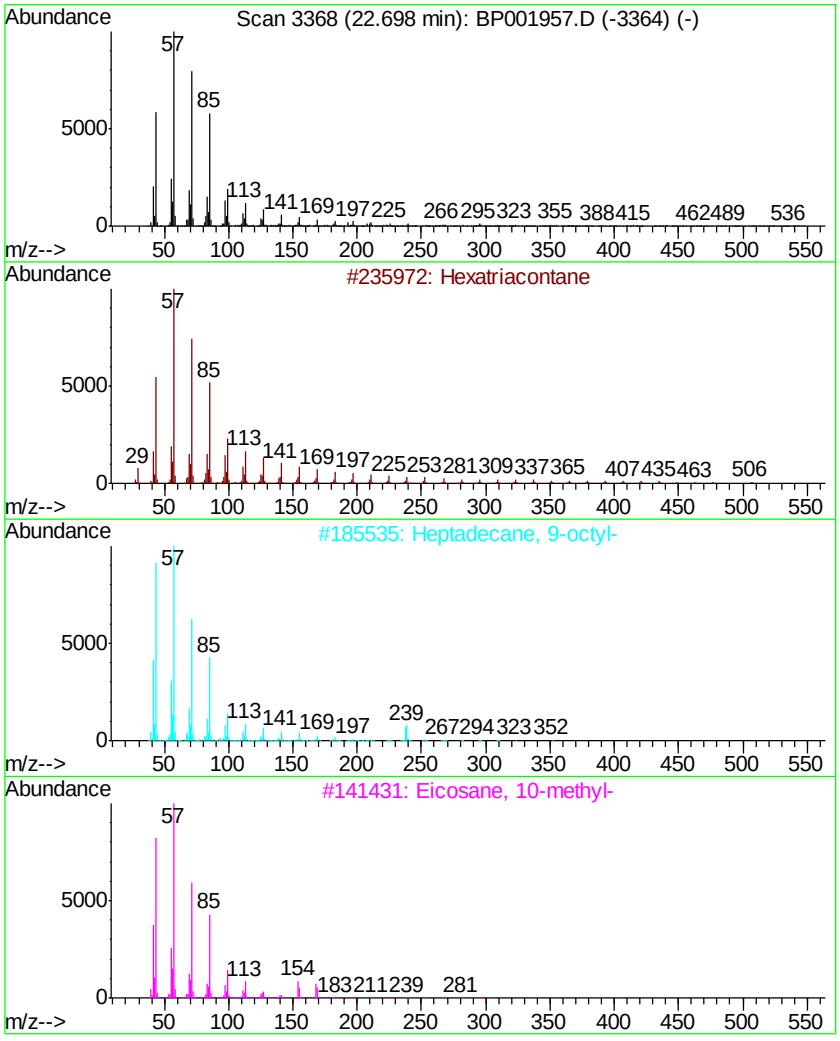
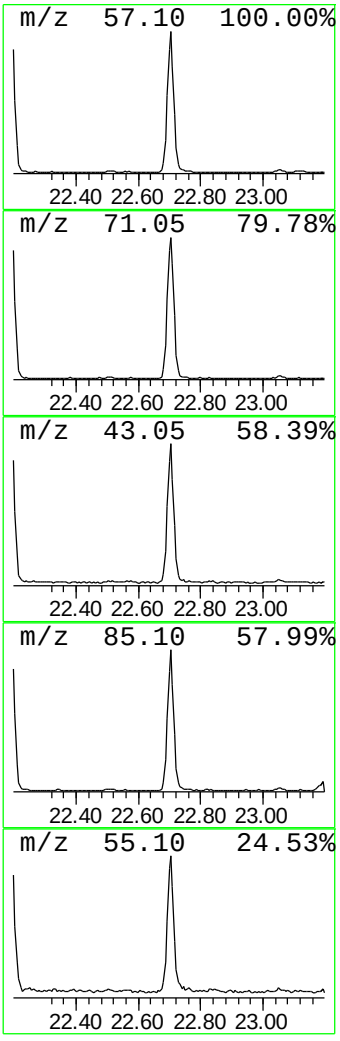
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.51 ng/ul	548635	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexatriacontane	507	C36H74	000630-06-8	93
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





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Misc :
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Instrument : BNA_P
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
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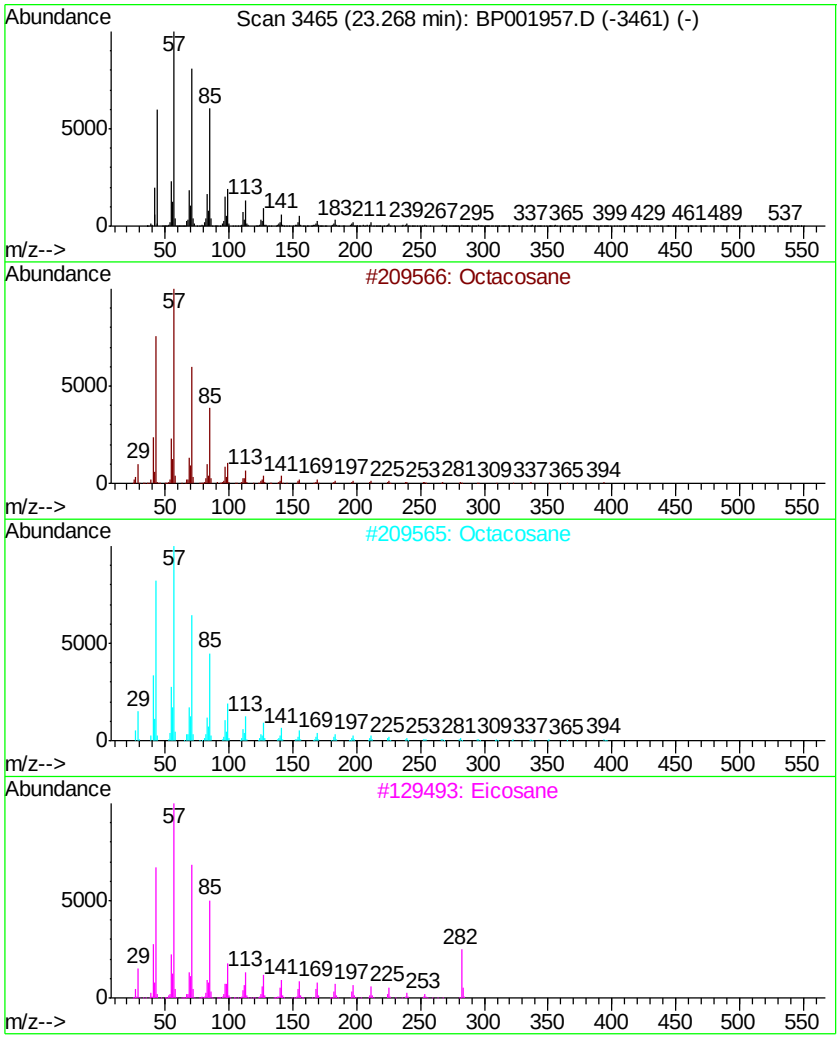
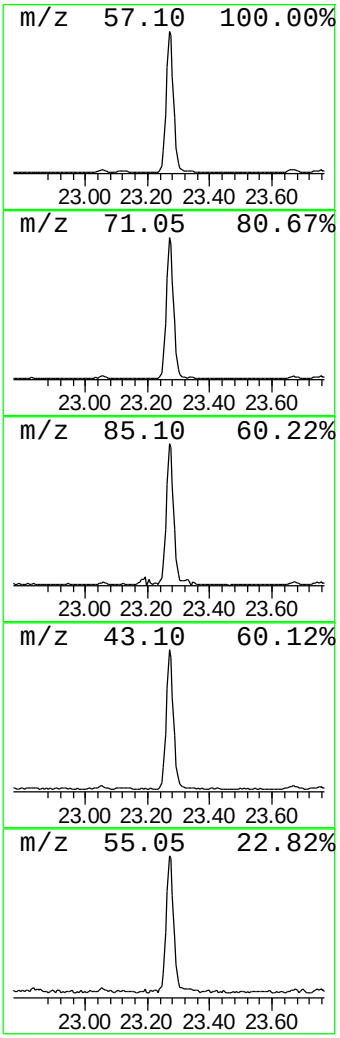
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	3.12 ng/ul	681487	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	95
2	Octacosane	394	C28H58	000630-02-4	93
3	Eicosane	282	C20H42	000112-95-8	93
4	Hentriacontane	437	C31H64	000630-04-6	93
5	Heneicosane	296	C21H44	000629-94-7	91





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Instrument : BNA_P
ClientSampleId : C0CA0

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP022720MA.M
Quant Title : SVOA CALIBRATION

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

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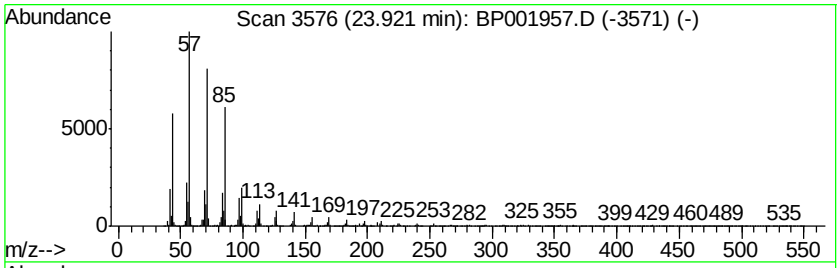
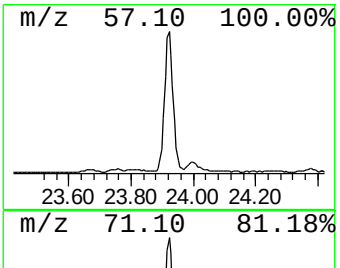
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	2.43 ng/ul	532481	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonacosane	408	C29H60	000630-03-5	97
2	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	96
3	Nonadecane	268	C19H40	000629-92-5	94
4	Docosane	310	C22H46	000629-97-0	93
5	Docosane	310	C22H46	000629-97-0	93





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.92	8.7	ng/ul	620372	1	7.64	1423120	20.0
(DEL) Alkane: Str...	22.70	2.5	ng/ul	548635	6	23.33	4374790	20.0
(DEL) Alkane: Str...	23.27	3.1	ng/ul	681487	6	23.33	4374790	20.0
(DEL) Alkane: Str...	23.92	2.4	ng/ul	532481	6	23.33	4374790	20.0