LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022920\
Data File : BP001979.D
Acq On : 01 Mar 2020 02:58
Operator : CG/JU
Sample : L1732-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0EH0

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	2.917	3	5	18	rVB	468203	647718	7.35%	0.920%
2	3.164	43	47	58	rVB	57738	87172	0.99%	0.124%
3	3.893	167	171	177	rVB	23066	34579	0.39%	0.049%
4	4.799	320	325	333	rBV2	19157	29481	0.33%	0.042%
5	6.822	662	669	679	rBV	213043	372342	4.22%	0.529%
6	6.981	689	696	708	rVB	835383	1299694	14.75%	1.846%
7	7.175	720	729	740	rBV	922560	1457158	16.53%	2.070%
8	7.640	800	808	818	rBV	851529	1361649	15.45%	1.934%
9	7.722	818	822	826	rVB5	6522	10411	0.12%	0.015%
10	8.346	920	928	940	rBV	666553	1062777	12.06%	1.509%
11	8.781	994	1002	1015	rBV	953666	1550779	17.60%	2.203%
12	9.269	1080	1085	1092	rVB	32655	51693	0.59%	0.073%
13	9.499	1117	1124	1140	rBV	737143	1248467	14.17%	1.773%
14	10.040	1208	1216	1239	rBV	1178851	2113018	23.97%	3.001%
15	10.410	1272	1279	1288	rBV	1133372	1919438	21.78%	2.726%
16	10.551	1297	1303	1315	rBV	46646	104164	1.18%	0.148%
17	11.763	1504	1509	1517	rVB2	22596	38853	0.44%	0.055%
18	12.016	1543	1552	1561	rBV	20866	43353	0.49%	0.062%
19	12.845	1686	1693	1699	rVB7	9985	17266	0.20%	0.025%
20	13.692	1830	1837	1842	rBV	2603271	3647721	41.39%	5.181%
21	13.740	1842	1845	1854	rVB	107971	154347	1.75%	0.219%
22	13.963	1876	1883	1903	rBV	2934936	4397823	49.90%	6.246%
23	14.275	1929	1936	1944	rBV	1780466	2666280	30.25%	3.787%
24	14.481	1964	1971	1990	rBV2	98365	233221	2.65%	0.331%
25	15.275	2099	2106	2113	rBV	4189103	5838570	66.25%	8.292%
26	15.392	2120	2126	2142	rBV	849179	1244923	14.13%	1.768%
27	15.516	2142	2147	2160	rVB2	48656	79889	0.91%	0.113%
28	16.063	2235	2240	2249	rVB4	16291	25275	0.29%	0.036%
29	16.710	2346	2350	2355	rVB4	7806	12137	0.14%	0.017%
30	16.816	2363	2368	2372	rBV2	10872	18687	0.21%	0.027%
31	17.028	2397	2404	2414	rBV	2276568	3214790	36.48%	4.566%
32	17.128	2414	2421	2438	rVV	4647933	6718897	76.23%	9.543%
33	17.951	2556	2561	2569	rBV2	57884	104127	1.18%	0.148%
34	18.010	2569	2571	2575	rVB	11322	14387	0.16%	0.020%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022920\
Data File : BP001979.D
Acq On : 01 Mar 2020 02:58
Operator : CG/JU
Sample : L1732-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0EH0

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	19.022	2738	2743	2754	rVV	54726	83090	0.94%	0.118%
36	19.192	2768	2772	2779	rBV8	15449	31921	0.36%	0.045%
37	19.263	2780	2784	2792	rVB	46289	64951	0.74%	0.092%
38	19.374	2796	2803	2814	rVV	5880483	8246383	93.57%	11.712%
39	20.416	2978	2980	2985	rVB5	12741	13861	0.16%	0.020%
40	20.863	3051	3056	3062	rBV2	281320	441901	5.01%	0.628%
41	21.121	3095	3100	3113	rBV	3144731	3815448	43.29%	5.419%
42	21.239	3117	3120	3127	rVV2	39916	64396	0.73%	0.091%
43	21.298	3127	3130	3136	rVV	116046	126600	1.44%	0.180%
44	21.727	3199	3203	3210	rBV	190533	265102	3.01%	0.377%
45	22.192	3278	3282	3289	rVB	300303	366711	4.16%	0.521%
46	22.698	3363	3368	3381	rBV	355412	534491	6.06%	0.759%
47	23.192	3444	3452	3460	rBV	4824829	8813528	100.00%	12.518%
48	23.263	3460	3464	3469	rVV	386956	667964	7.58%	0.949%
49	23.327	3469	3475	3486	rVB	2158087	4035622	45.79%	5.732%
50	23.915	3569	3575	3582	rBV	311082	585256	6.64%	0.831%
51	24.662	3696	3702	3711	rVB	209254	431265	4.89%	0.613%

Sum of corrected areas: 70409576

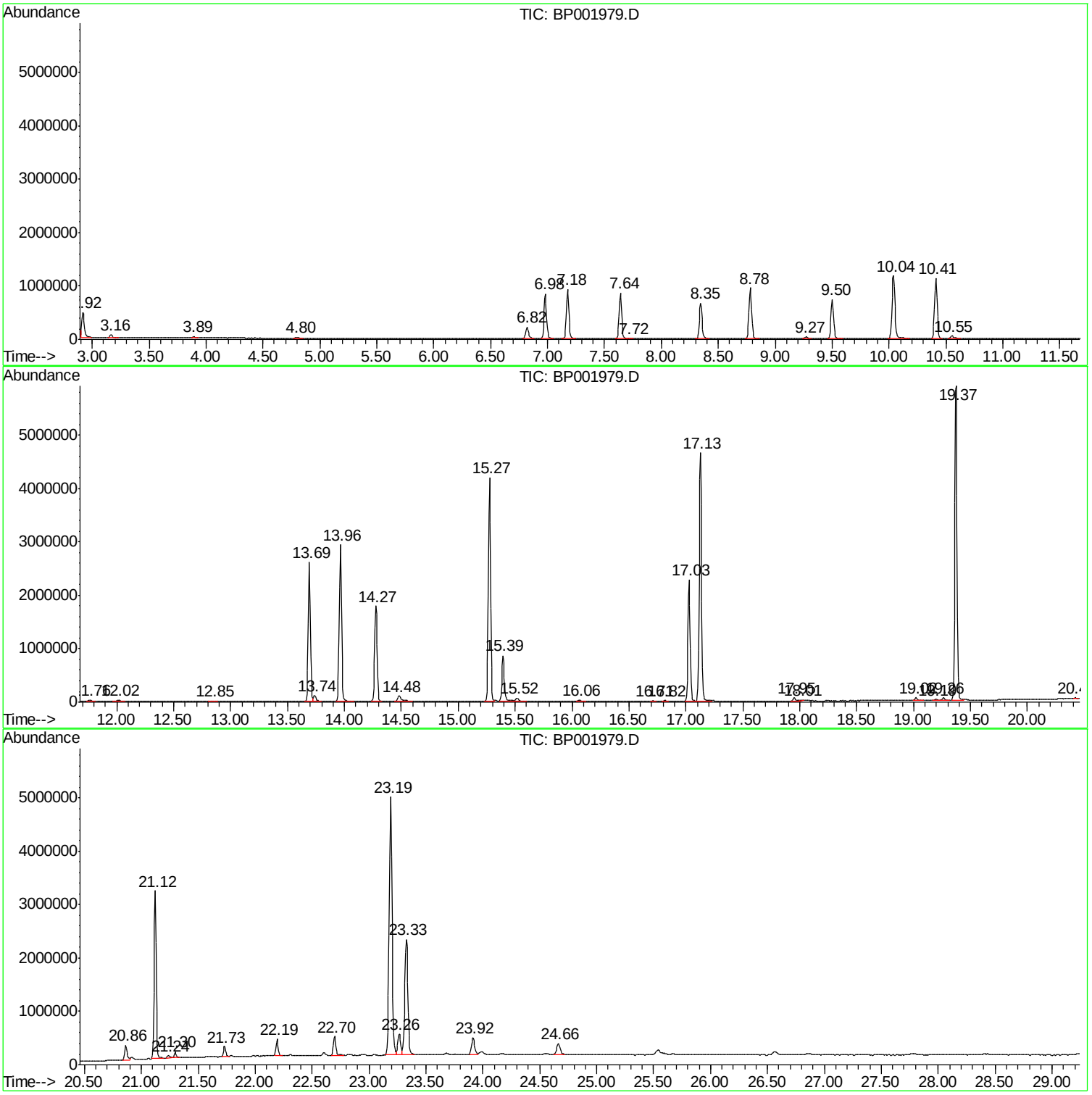
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022920\
Data File : BP001979.D
Acq On : 01 Mar 2020 02:58
Operator : CG/JU
Sample : L1732-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0EH0

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022920\
Data File : BP001979.D
Acq On : 01 Mar 2020 02:58
Operator : CG/JU
Sample : L1732-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0EH0

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

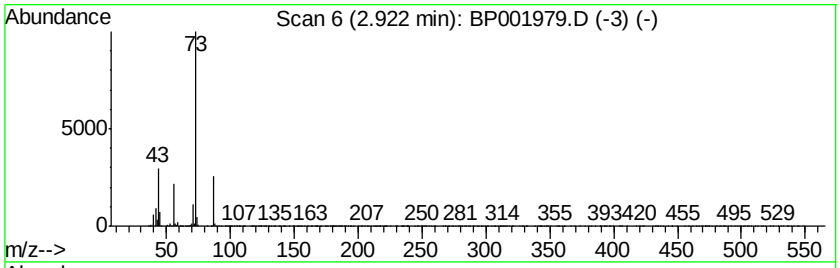
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

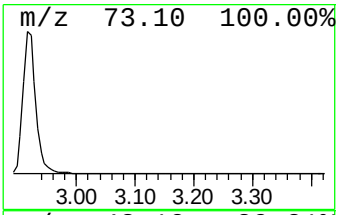
****

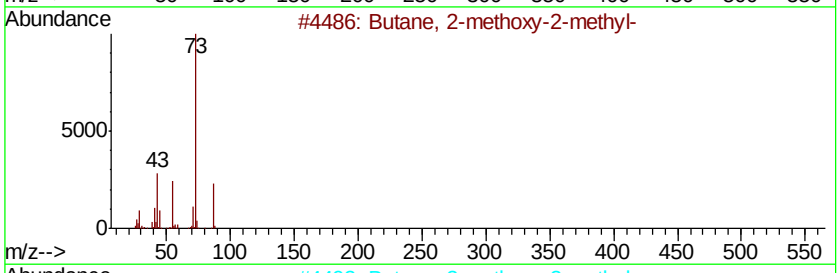
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

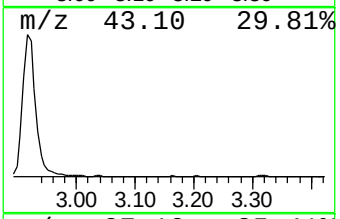
R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	9.51 ng/ul	647718	1,4-Dichlorobenzene-d4	7.64

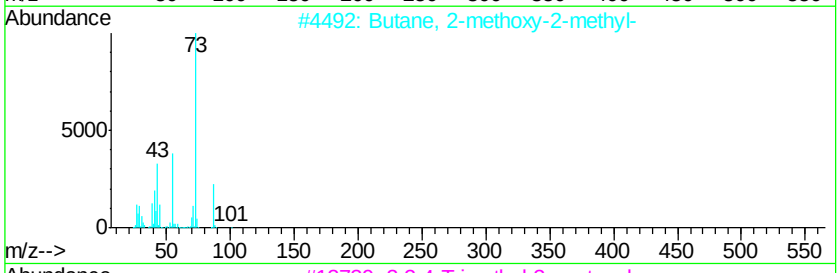
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9

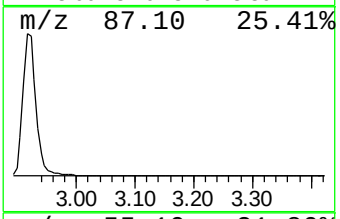


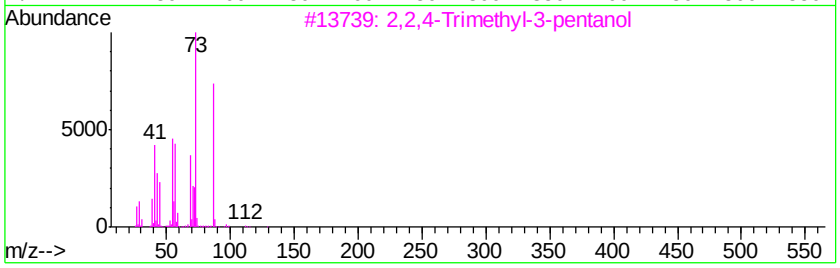


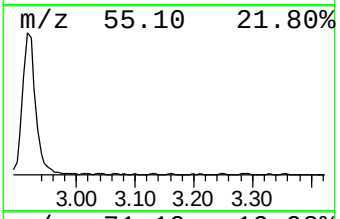


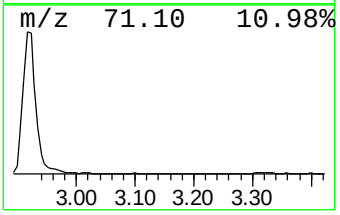












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022920\
Data File : BP001979.D
Acq On : 01 Mar 2020 02:58
Operator : CG/JU
Sample : L1732-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0EH0

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

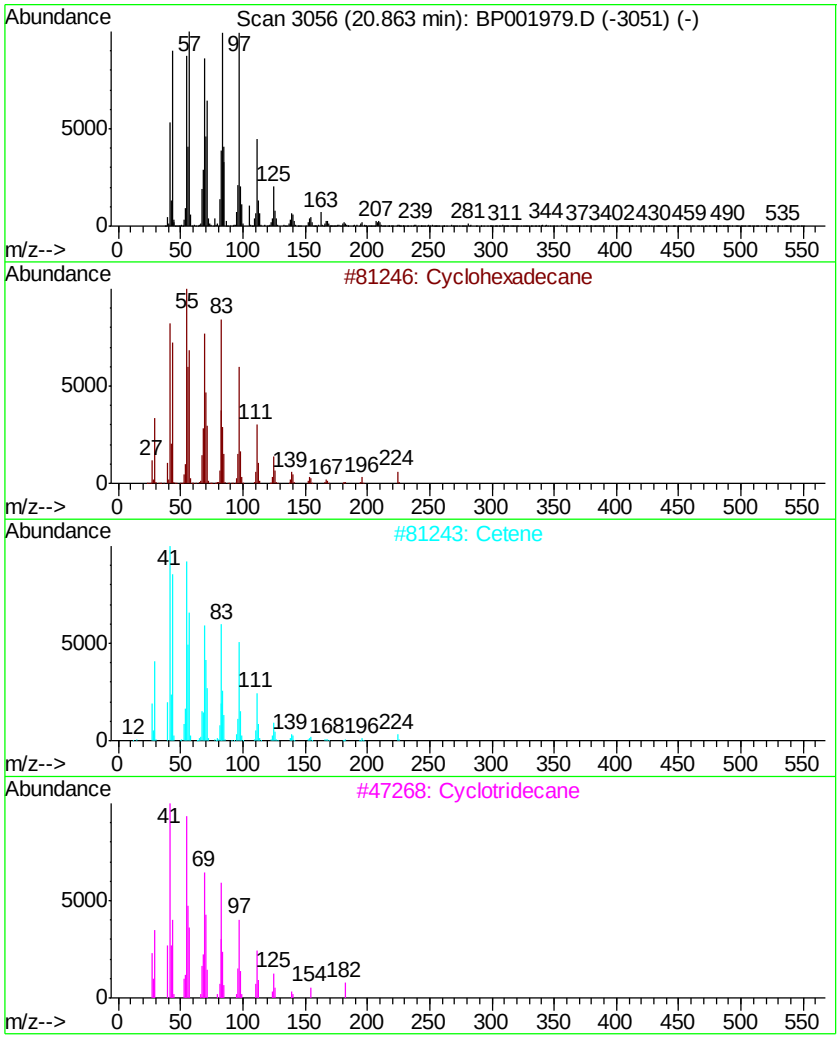
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

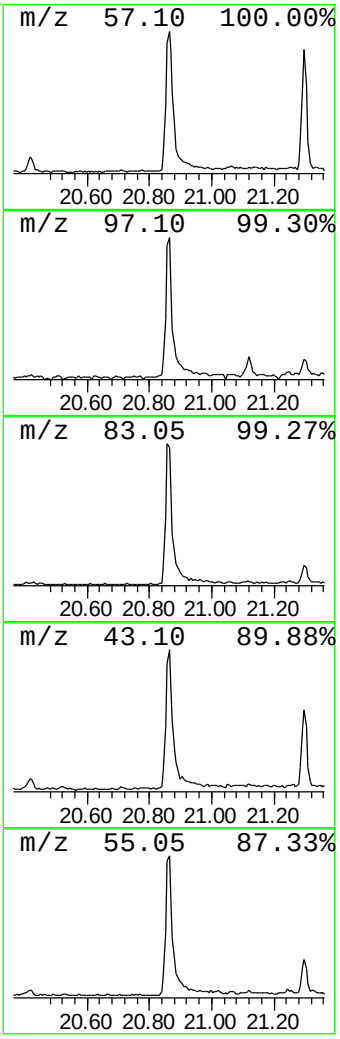
****

Peak Number 2 (DEL) Alkane: Cyclic20.86 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	2.32 ng/ul	441901	Chrysene-d12	21.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	97
2	Cetene	224	C16H32	000629-73-2	96
3	Cyclotridecane	182	C13H26	000295-02-3	95
4	1-Heneicosanol	312	C21H44O	015594-90-8	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022920\
Data File : BP001979.D
Acq On : 01 Mar 2020 02:58
Operator : CG/JU
Sample : L1732-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0EH0

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

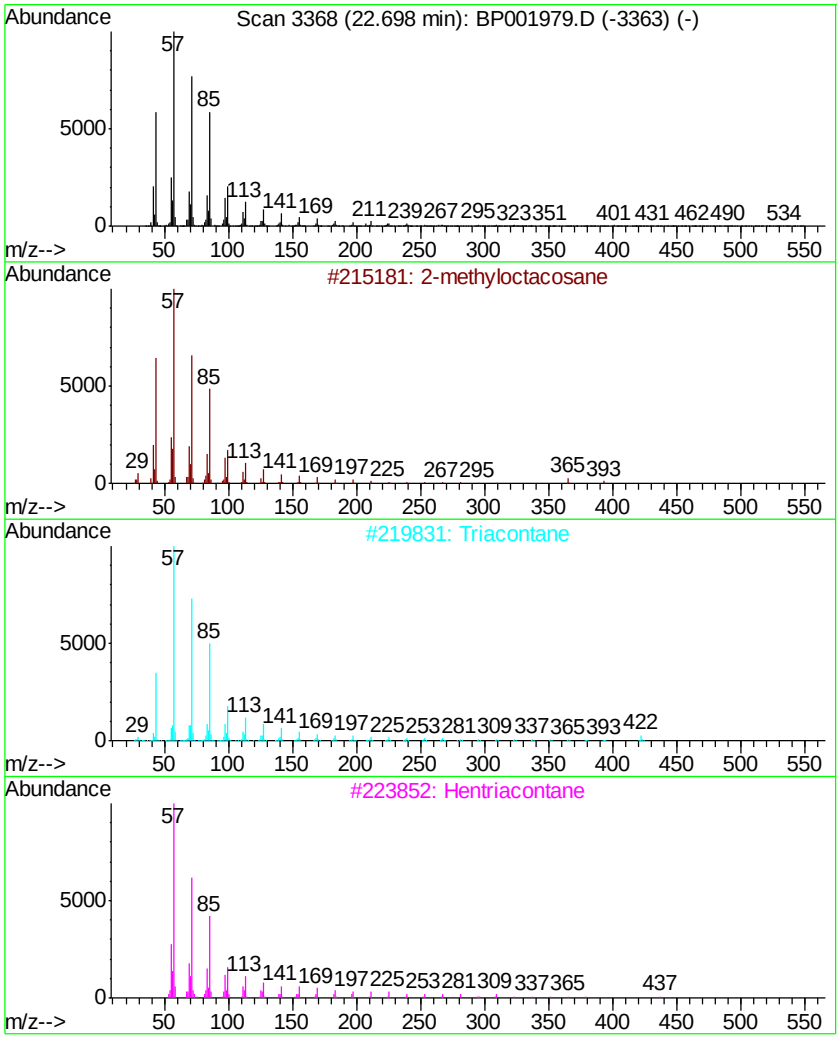
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

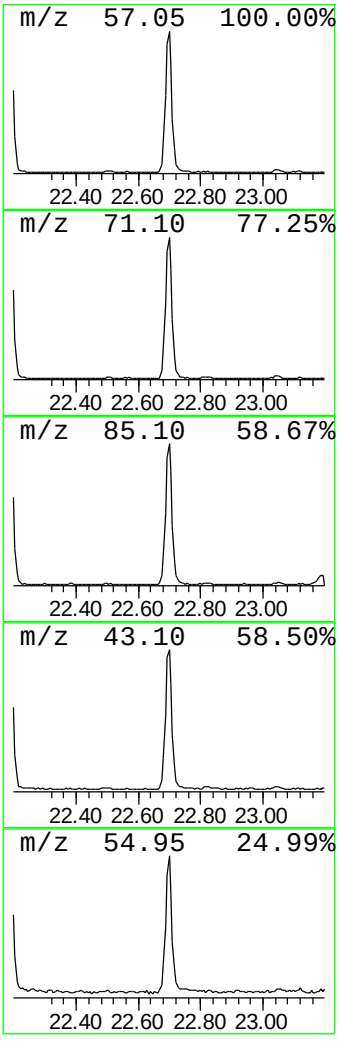
****

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	2.65 ng/ul	534491	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Triacontane	422	C30H62	000638-68-6	91
3	Hentriacontane	437	C31H64	000630-04-6	90
4	Heneicosane	296	C21H44	000629-94-7	90
5	Heptacosane	380	C27H56	000593-49-7	87





Library Search Compound Report

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Data File : BP001979.D
Acq On : 01 Mar 2020 02:58
Operator : CG/JU
Sample : L1732-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0EH0

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

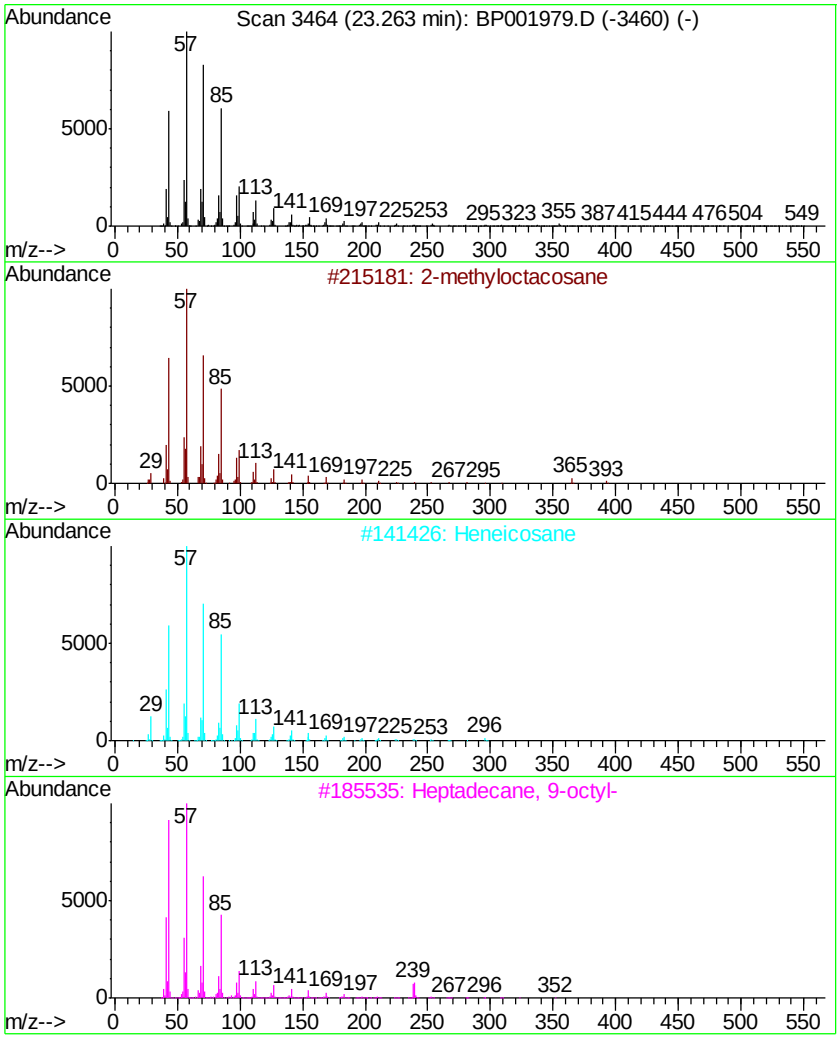
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

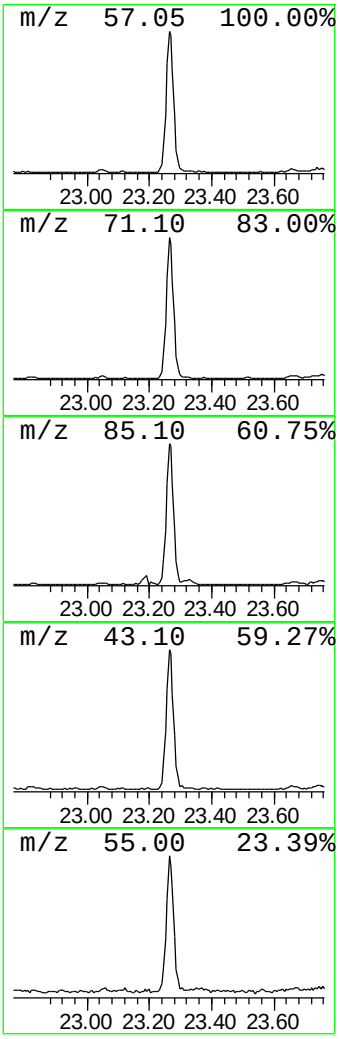
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.26	3.31 ng/ul	667964	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5	Heptadecane, 9-hexyl-	324	C23H48	055124-79-3	90





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Sample : L1732-04
Misc :
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Instrument : BNA_P
ClientSampleId : C0EH0

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

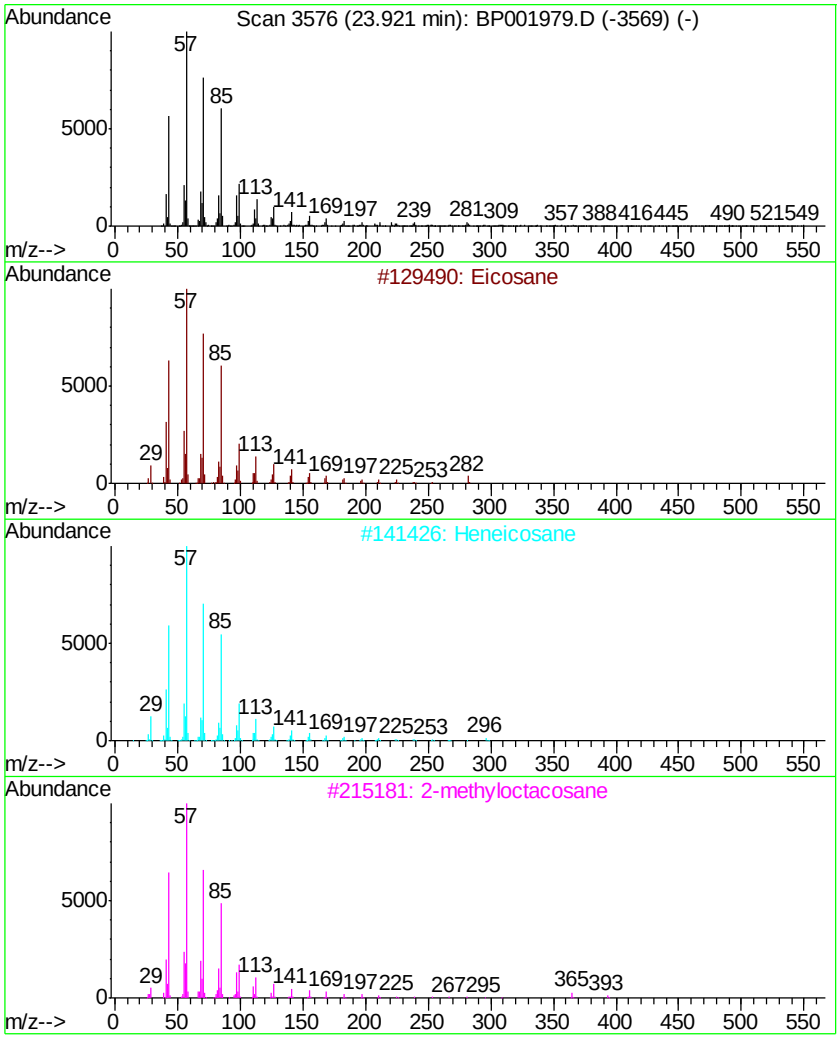
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

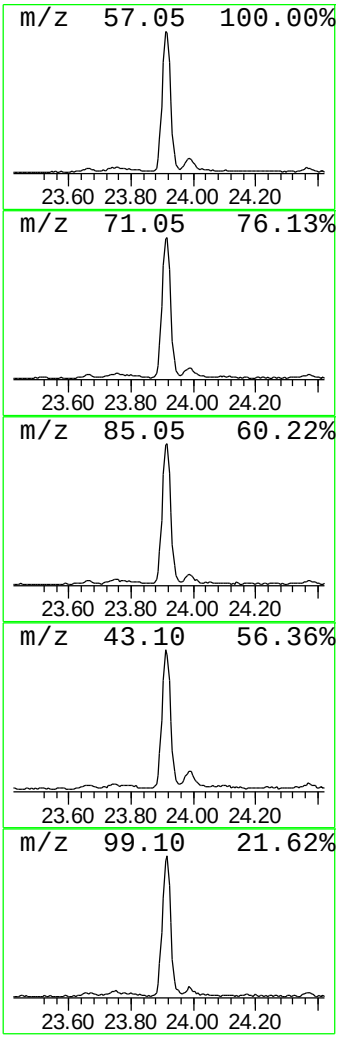
****

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.92	2.90 ng/ul	585256	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	2-methyloctacosane	408	C29H60	1000376-72-8	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Hexacosane	366	C26H54	000630-01-3	90





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Acq On : 01 Mar 2020 02:58
Operator : CG/JU
Sample : L1732-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0EH0

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

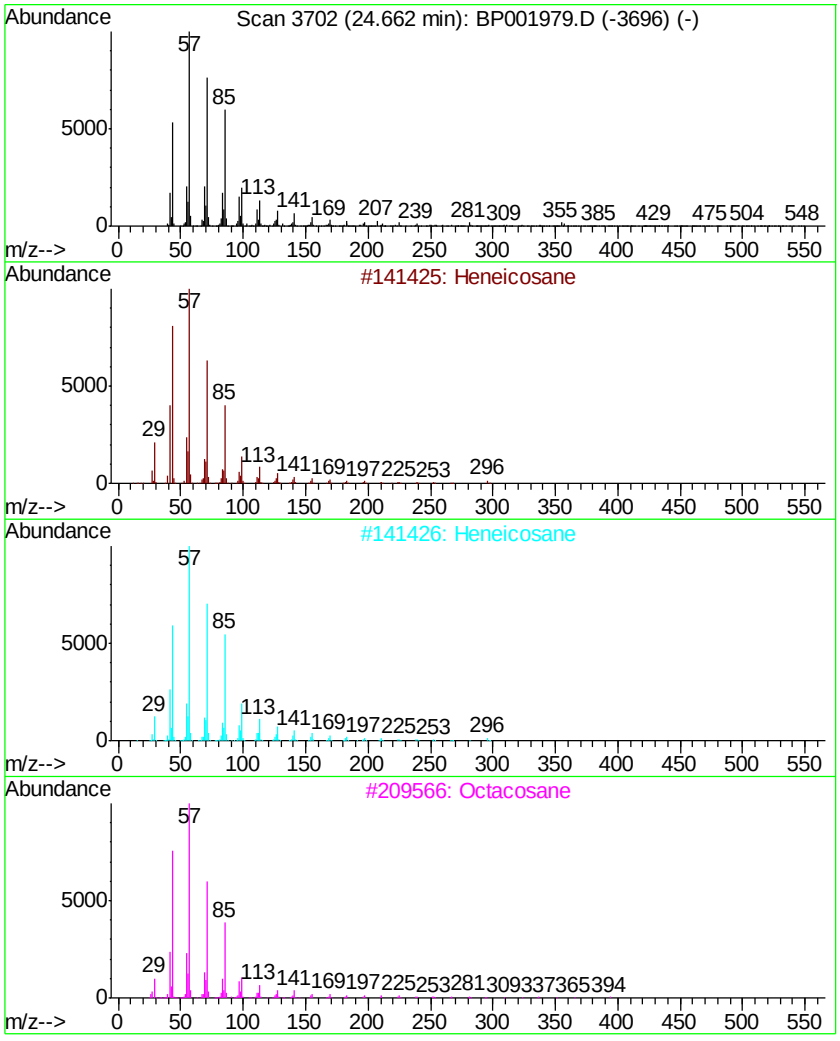
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

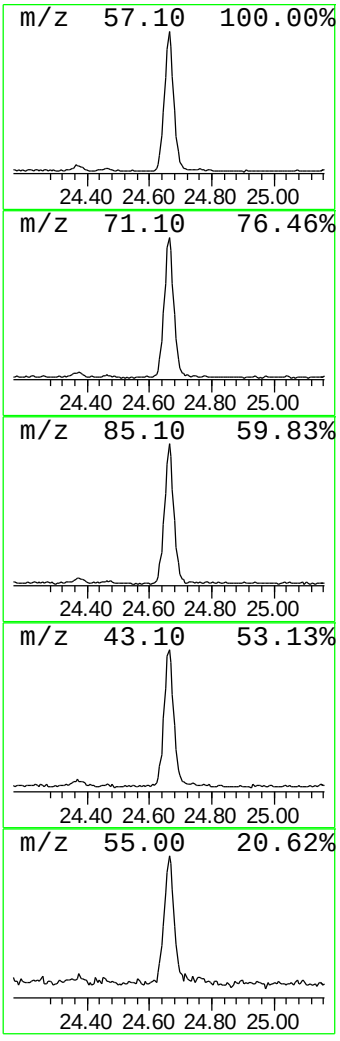
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.66	2.14 ng/ul	431265	Perylene-d12	23.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Heneicosane	296	C21H44	000629-94-7	97
3	Octacosane	394	C28H58	000630-02-4	95
4	Eicosane	282	C20H42	000112-95-8	94
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022920\
Data File : BP001979.D
Acq On : 01 Mar 2020 02:58
Operator : CG/JU
Sample : L1732-04
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : C0EH0

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.92	9.5	ng/ul	647718	1	7.64	1361650	20.0
(DEL) Alkane: Cyc...	20.86	2.3	ng/ul	441901	5	21.12	3815450	20.0
(DEL) Alkane: Str...	22.70	2.6	ng/ul	534491	6	23.33	4035620	20.0
(DEL) Alkane: Str...	23.26	3.3	ng/ul	667964	6	23.33	4035620	20.0
(DEL) Alkane: Str...	23.92	2.9	ng/ul	585256	6	23.33	4035620	20.0
(DEL) Alkane: Str...	24.66	2.1	ng/ul	431265	6	23.33	4035620	20.0