LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029398.D
Acq On : 08 Apr 2021 07:44
Operator : CG/JU
Sample : M1957-18
Misc : GCMS CONFIRMATION
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B25

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_M\METHODS\SOM-EPA-BM040721MA.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	2.952	8	11	16	rVB	134253	141575	5.75%	1.080%
2	3.028	21	24	27	rVV	39613	39754	1.62%	0.303%
3	3.057	27	29	31	rVV2	16062	15490	0.63%	0.118%
4	3.081	31	33	35	rVV2	24885	22893	0.93%	0.175%
5	3.116	35	39	44	rVB	2364364	2460652	100.00%	18.777%
6	3.422	86	91	92	rBV4	7595	8317	0.34%	0.063%
7	3.452	92	96	102	rVB	69098	83358	3.39%	0.636%
8	3.540	106	111	115	rVB5	5845	8922	0.36%	0.068%
9	3.828	156	160	166	rVB6	3230	5622	0.23%	0.043%
10	3.916	171	175	183	rVB2	9524	15426	0.63%	0.118%
11	4.357	246	250	255	rVB2	5319	5902	0.24%	0.045%
12	5.351	415	419	420	rBV4	3303	3776	0.15%	0.029%
13	5.722	476	482	485	rBV4	3684	5389	0.22%	0.041%
14	6.792	660	664	667	rVB4	3318	4104	0.17%	0.031%
15	6.845	667	673	679	rVV8	2567	6679	0.27%	0.051%
16	6.922	682	686	691	rVB4	2379	3872	0.16%	0.030%
17	7.687	809	816	825	rBV	468057	734314	29.84%	5.603%
18	8.922	1019	1026	1030	rBV4	2962	5105	0.21%	0.039%
19	10.469	1277	1289	1296	rBV	571236	959082	38.98%	7.319%
20	10.945	1366	1370	1374	rVB4	2446	3655	0.15%	0.028%
21	11.910	1526	1534	1537	rBV2	3749	7187	0.29%	0.055%
22	12.133	1566	1572	1581	rBV2	13177	22942	0.93%	0.175%
23	12.357	1605	1610	1615	rBV2	14059	23209	0.94%	0.177%
24	12.869	1693	1697	1703	rVB6	2648	3820	0.16%	0.029%
25	13.163	1743	1747	1753	rVB4	8561	12216	0.50%	0.093%
26	13.351	1774	1779	1785	rBV6	2361	4580	0.19%	0.035%
27	13.480	1797	1801	1802	rBV3	7686	7764	0.32%	0.059%
28	13.645	1823	1829	1834	rBV2	17862	29998	1.22%	0.229%
29	13.698	1834	1838	1842	rVV2	13071	16307	0.66%	0.124%
30	13.821	1853	1859	1862	rBV5	4650	6581	0.27%	0.050%
31	13.880	1862	1869	1872	rVV5	10633	15911	0.65%	0.121%
32	13.916	1872	1875	1878	rVB4	3577	4853	0.20%	0.037%
33	14.045	1893	1897	1901	rBV3	7627	10001	0.41%	0.076%
34	14.157	1913	1916	1921	rVB4	3766	5657	0.23%	0.043%

LSC Area Percent Report

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Sample : M1957-18
Misc : GCMS CONFIRMATION
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B25

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_M\METHODS\SOM-EPA-BM040721MA.M
Title : SVOA CALIBRATION

35	14.233	1926	1929	1934	rBV2	10097	13271	0.54%	0.101%
36	14.321	1934	1944	1951	rBV	781174	1141153	46.38%	8.708%
37	14.386	1951	1955	1964	rVB2	18741	33795	1.37%	0.258%
38	14.533	1975	1980	1981	rBV4	3224	4865	0.20%	0.037%
39	14.721	2007	2012	2018	rBV2	41462	63697	2.59%	0.486%
40	14.798	2021	2025	2030	rVB5	8180	10411	0.42%	0.079%
41	14.857	2030	2035	2039	rBV6	4252	7766	0.32%	0.059%
42	14.945	2042	2050	2055	rBV5	10400	20435	0.83%	0.156%
43	14.992	2055	2058	2064	rVB4	9675	14947	0.61%	0.114%
44	15.115	2074	2079	2082	rBV5	11167	17888	0.73%	0.137%
45	15.139	2082	2083	2088	rVB5	3227	4393	0.18%	0.034%
46	15.192	2088	2092	2095	rBV	14159	17865	0.73%	0.136%
47	15.368	2117	2122	2128	rBV2	52313	77460	3.15%	0.591%
48	15.410	2128	2129	2133	rVB4	4343	4523	0.18%	0.035%
49	15.492	2140	2143	2146	rBV5	3885	5435	0.22%	0.041%
50	15.533	2146	2150	2155	rBV4	11277	16162	0.66%	0.123%
51	15.598	2155	2161	2163	rBV4	10557	17365	0.71%	0.133%
52	15.668	2169	2173	2179	rVB	30979	46680	1.90%	0.356%
53	15.745	2182	2186	2187	rBV4	4258	4519	0.18%	0.034%
54	15.810	2193	2197	2205	rVV	32763	62834	2.55%	0.479%
55	15.904	2208	2213	2220	rVB4	8328	17643	0.72%	0.135%
56	16.051	2233	2238	2240	rBV3	23239	36300	1.48%	0.277%
57	16.380	2289	2294	2298	rBV6	12156	21917	0.89%	0.167%
58	16.415	2298	2300	2305	rVB5	6954	8357	0.34%	0.064%
59	16.509	2313	2316	2318	rBV4	4543	6275	0.26%	0.048%
60	16.604	2328	2332	2335	rBV4	15283	23889	0.97%	0.182%
61	16.645	2336	2339	2342	rVB4	12706	15302	0.62%	0.117%
62	16.792	2361	2364	2369	rBV3	17573	34663	1.41%	0.265%
63	16.839	2370	2372	2375	rVV2	20376	23560	0.96%	0.180%
64	16.886	2376	2380	2384	rVB3	28038	38312	1.56%	0.292%
65	17.062	2404	2410	2414	rBV	820909	1185804	48.19%	9.049%
66	17.104	2414	2417	2423	rVB	562403	720495	29.28%	5.498%
67	17.192	2430	2432	2437	rVB2	13390	17441	0.71%	0.133%
68	17.251	2440	2442	2448	rVB7	9802	14064	0.57%	0.107%
69	17.580	2494	2498	2501	rVB3	22599	29179	1.19%	0.223%
70	17.668	2511	2513	2520	rVB7	19413	25584	1.04%	0.195%
71	17.933	2554	2558	2562	rBV	73409	105105	4.27%	0.802%

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Integrator: RTE
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Title : SVOA CALIBRATION

72	17.986	2562	2567	2575	rVB	105710	164806	6.70%	1.258%
73	18.127	2587	2591	2595	rBV3	71323	118863	4.83%	0.907%
74	18.168	2595	2598	2601	rVB	42463	49682	2.02%	0.379%
75	18.268	2612	2615	2619	rVB3	14926	17201	0.70%	0.131%
76	18.439	2639	2644	2648	rBV	46648	68403	2.78%	0.522%
77	18.739	2691	2695	2698	rBV	21475	27664	1.12%	0.211%
78	18.856	2712	2715	2720	rVB	30150	42958	1.75%	0.328%
79	18.903	2720	2723	2729	rBV5	27962	54536	2.22%	0.416%
80	18.992	2734	2738	2744	rVB6	37507	58879	2.39%	0.449%
81	19.121	2754	2760	2766	rBV	480333	640439	26.03%	4.887%
82	19.268	2782	2785	2789	rVB6	35686	44375	1.80%	0.339%
83	19.450	2812	2816	2818	rBV2	93788	130962	5.32%	0.999%
84	19.480	2818	2821	2828	rVV	181124	239740	9.74%	1.829%
85	19.556	2831	2834	2840	rVB4	33586	52090	2.12%	0.397%
86	19.609	2840	2843	2845	rBV4	13556	15934	0.65%	0.122%
87	19.662	2848	2852	2856	rBV	42149	63732	2.59%	0.486%
88	19.974	2902	2905	2910	rVB	102128	131965	5.36%	1.007%
89	20.174	2937	2939	2942	rBV4	22122	21556	0.88%	0.164%
90	20.256	2949	2953	2958	rVB3	65836	84968	3.45%	0.648%
91	20.409	2976	2979	2983	rBV6	21623	38090	1.55%	0.291%
92	20.927	3064	3067	3070	rBV2	37436	49186	2.00%	0.375%
93	21.239	3114	3120	3123	rBV2	783294	1144233	46.50%	8.732%
94	21.274	3123	3126	3133	rVB	216334	292843	11.90%	2.235%
95	23.444	3490	3495	3506	rVB2	500828	937247	38.09%	7.152%

Sum of corrected areas: 13104619

LSC Report - Integrated Chromatogram

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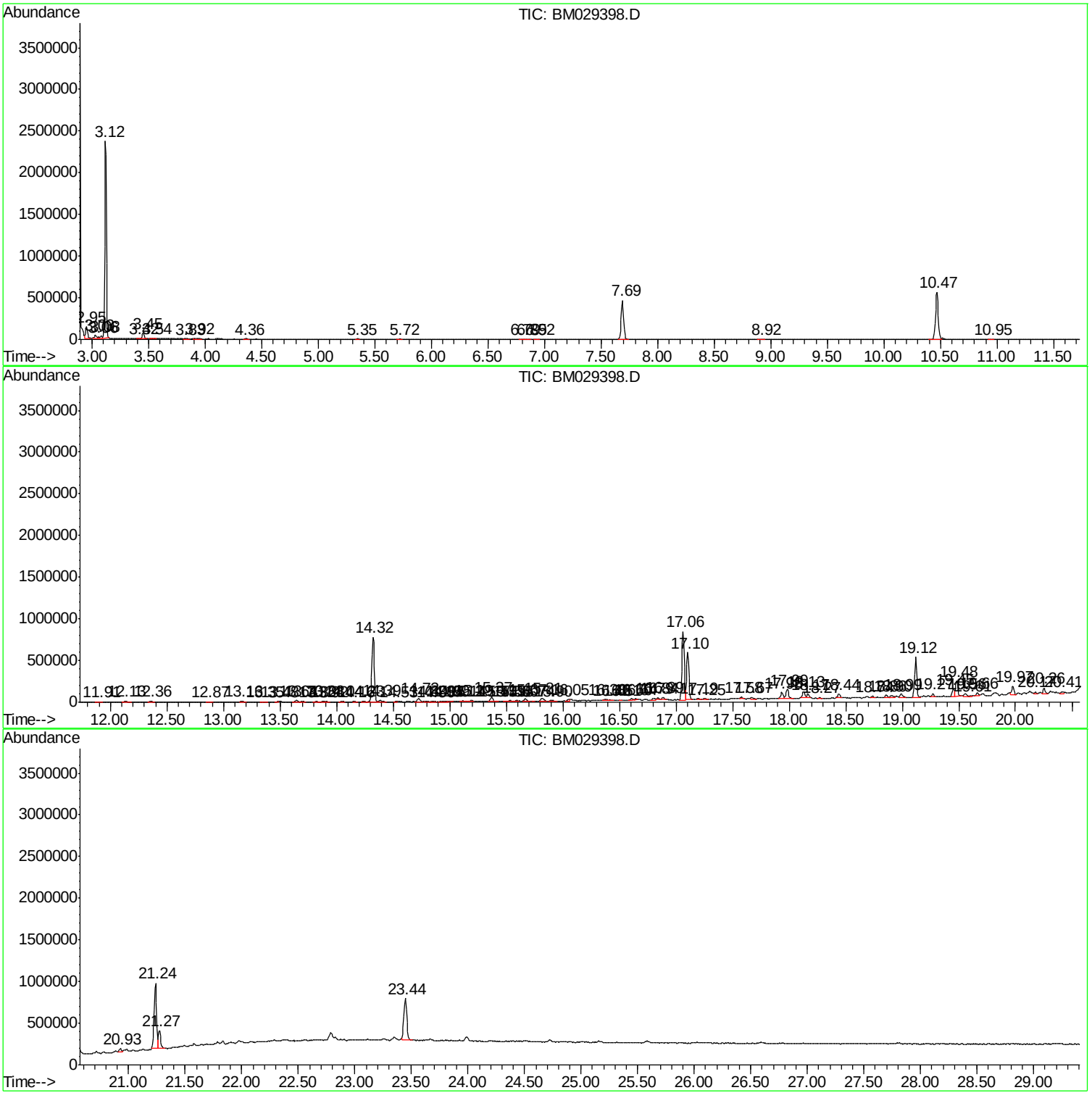
Sample : M1957-18
Misc : GCMS CONFIRMATION
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0B25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.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 M\DATA\BM040721\
Data File : BM029398.D
Acq On : 08 Apr 2021 07:44
Operator : CG/JU
Sample : M1957-18
Misc : GCMS CONFIRMATION
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B25

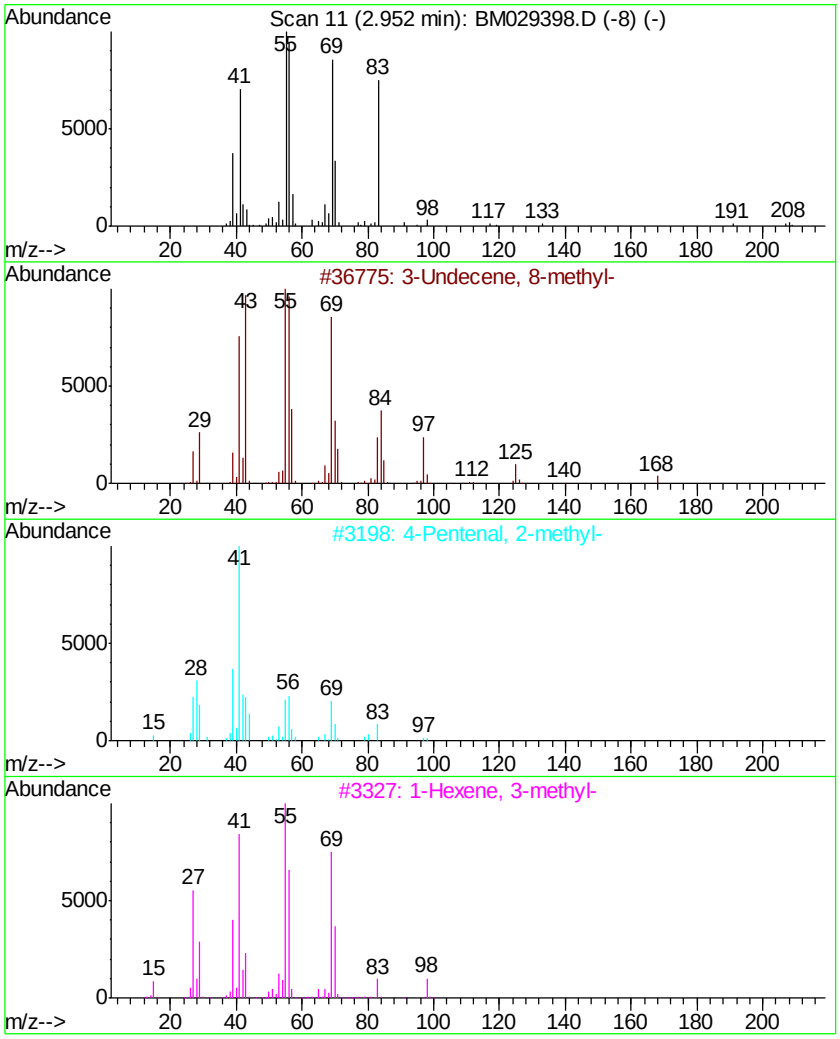
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

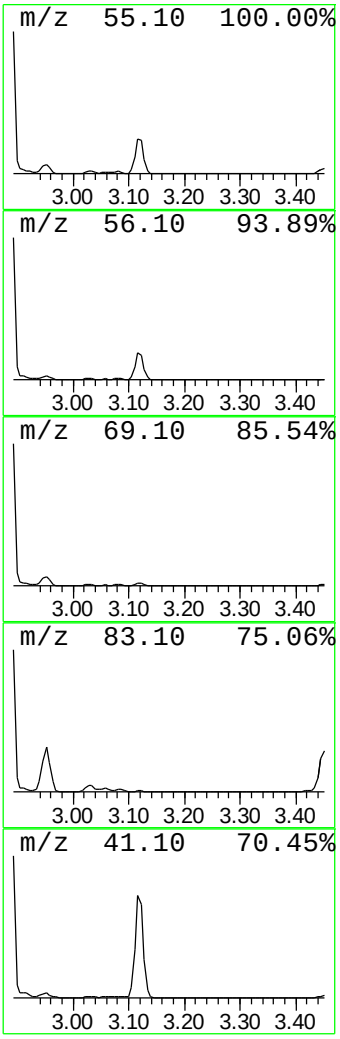
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.95	3.86 ng/ul	141575	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Undecene, 8-methyl-	168	C12H24	1000061-84-4	53
2	4-Pentenal, 2-methyl-	98	C6H10O	005187-71-3	53
3	1-Hexene, 3-methyl-	98	C7H14	003404-61-3	53
4	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	38
5	1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	35





Library Search Compound Report

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Instrument : BNA_M
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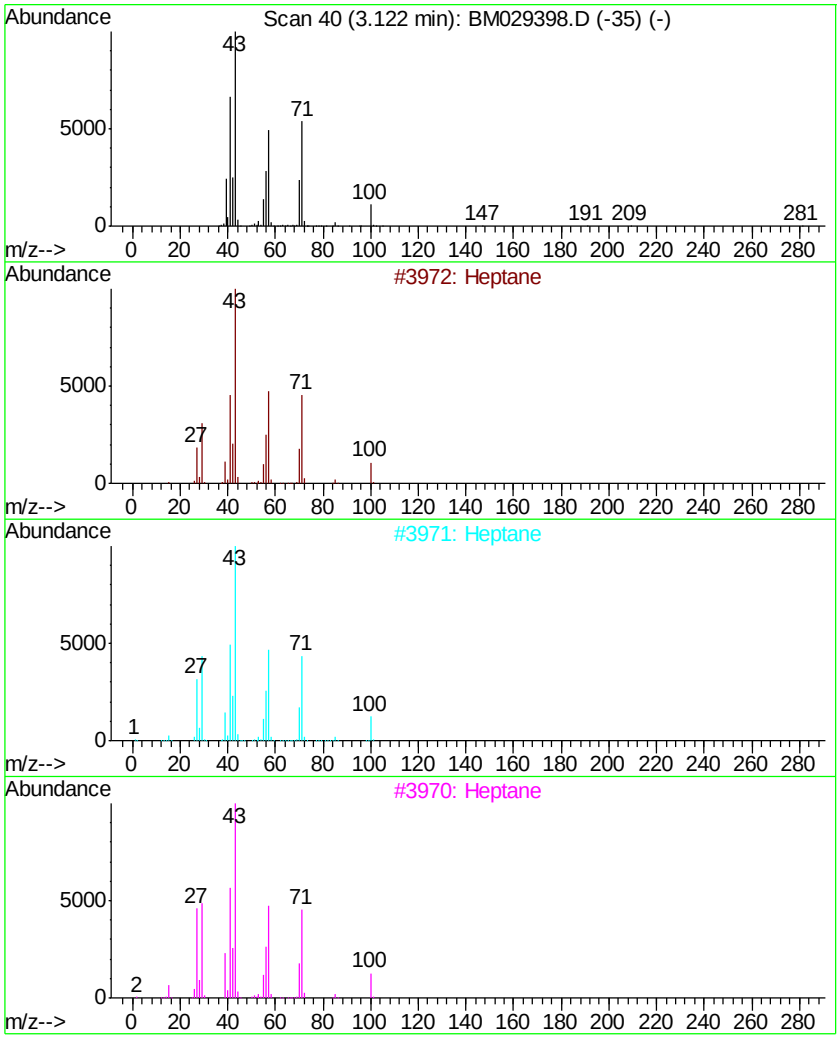
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

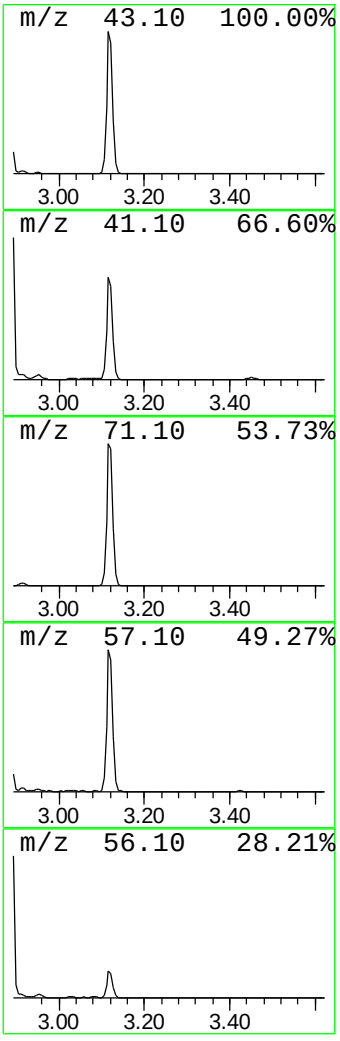
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.12	67.02 ng/ul	2460650	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane	100	C7H16	000142-82-5	91
2	Heptane	100	C7H16	000142-82-5	87
3	Heptane	100	C7H16	000142-82-5	86
4	Heptane	100	C7H16	000142-82-5	50
5	Hexane, 3-methyl-	100	C7H16	000589-34-4	42





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

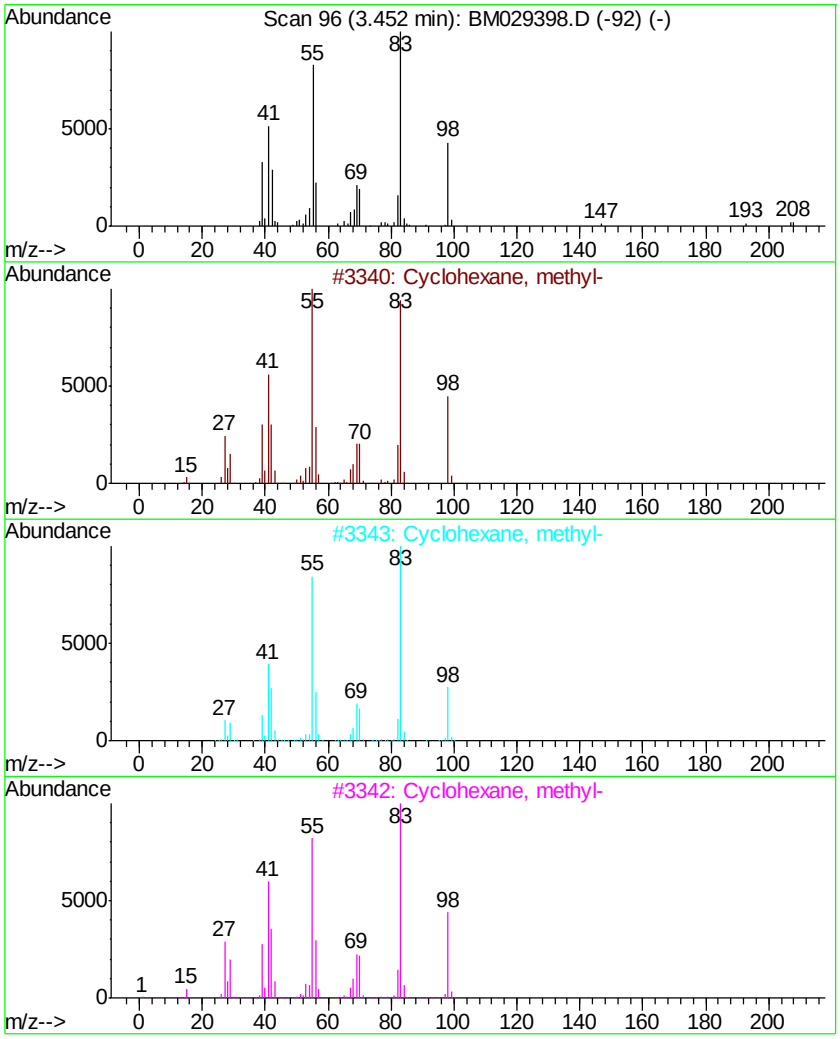
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

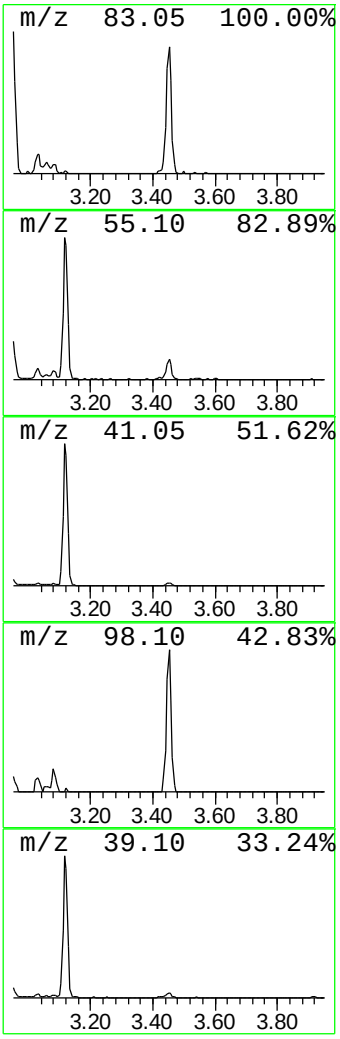
****

Peak Number 3 (DEL) Alkane: Cyclic3.45 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.45	2.27 ng/ul	83358	1,4-Dichlorobenzene-d4	7.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	97
2	Cyclohexane, methyl-	98	C7H14	000108-87-2	91
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	81
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	64
5	2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	53





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Quant Title : SVOA CALIBRATION

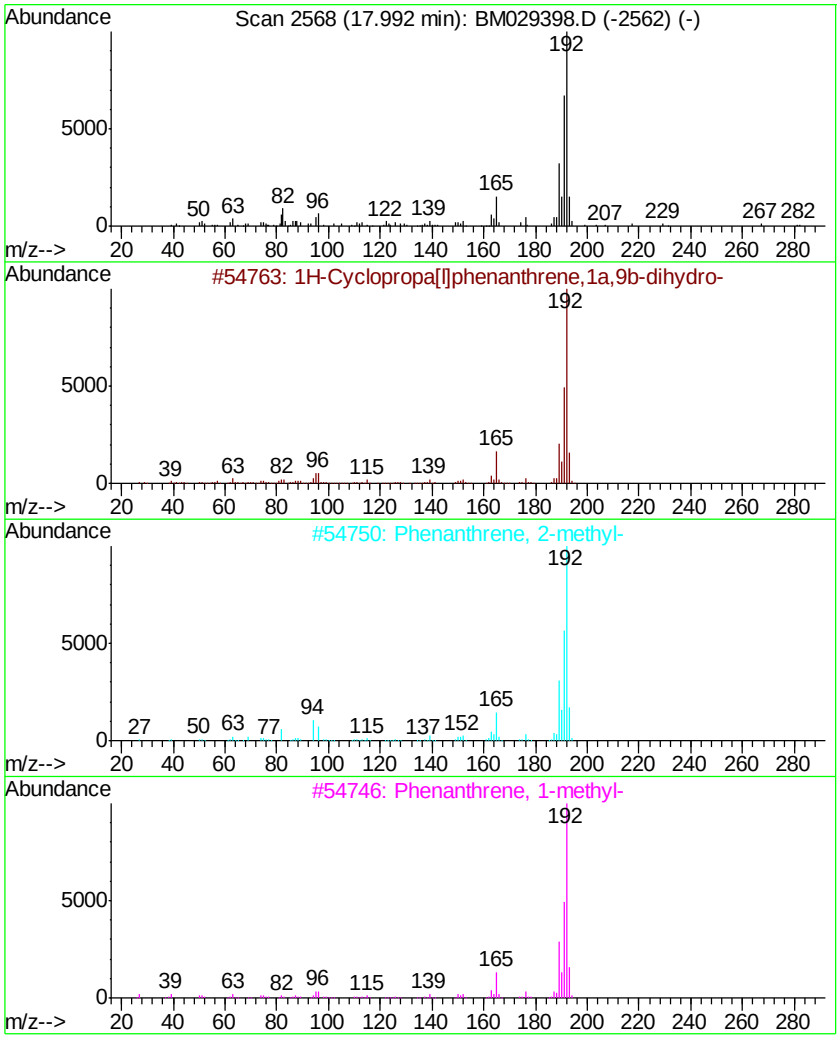
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

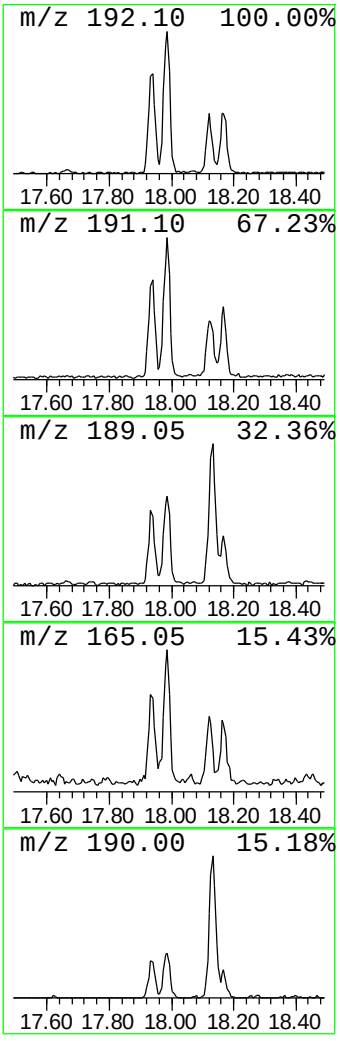
****

Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.78 ng/ul	164806	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	98
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94





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Instrument : BNA_M
ClientSampleId : C0B25

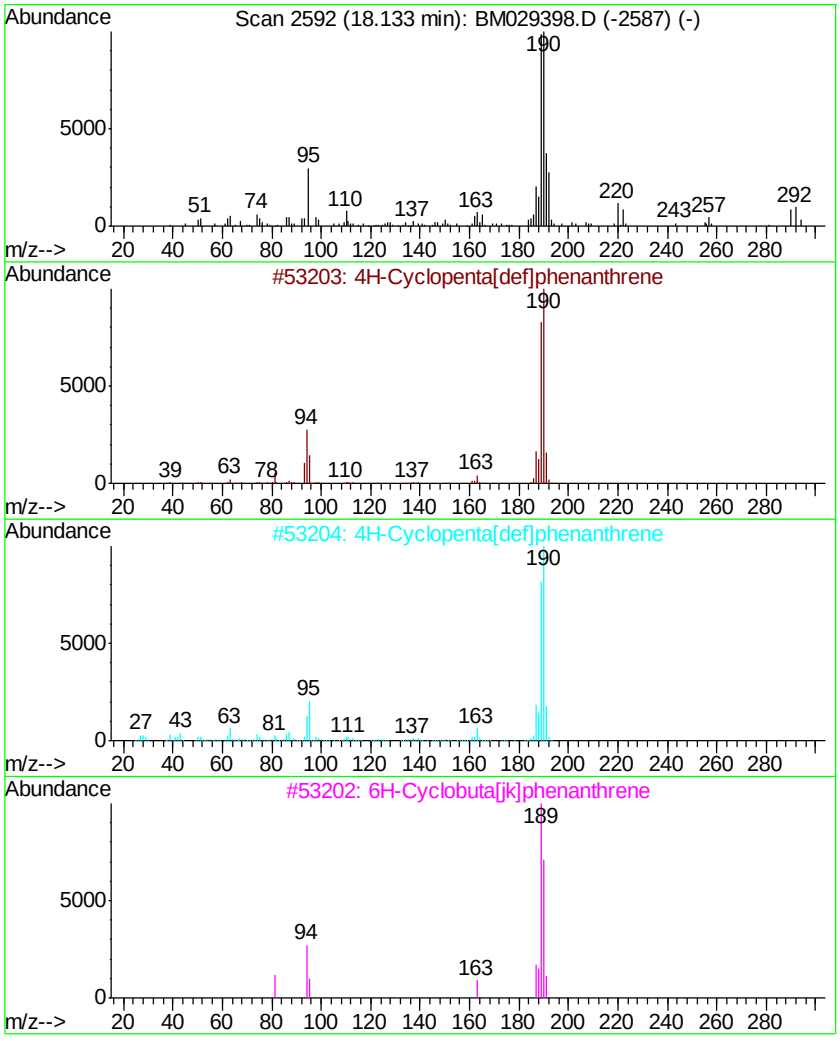
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

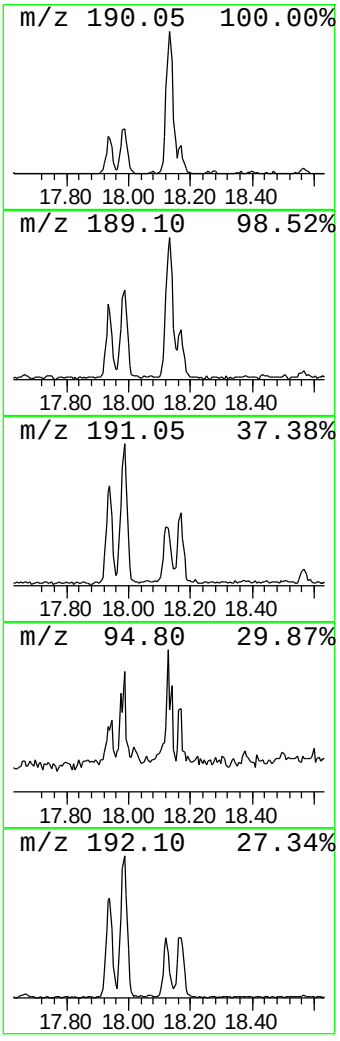
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	2.00 ng/ul	118863	Phenanthrene-d10	17.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	52
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





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Instrument : BNA_M
ClientSampleId : C0B25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION

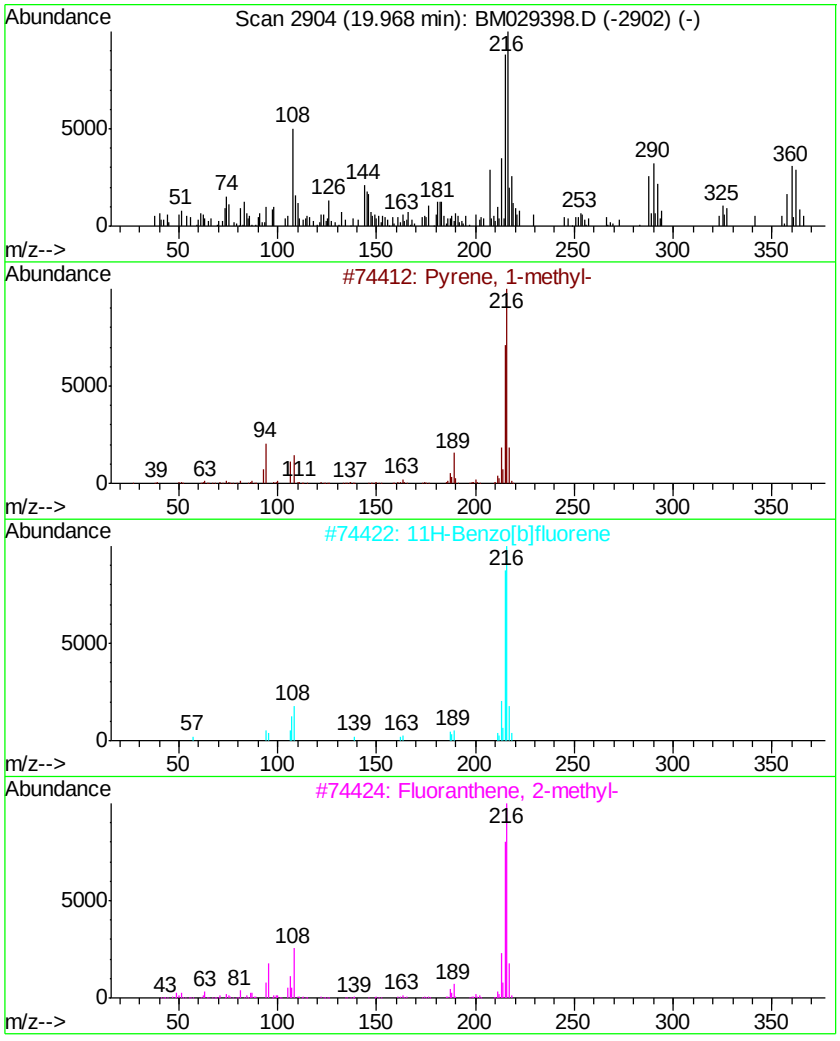
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

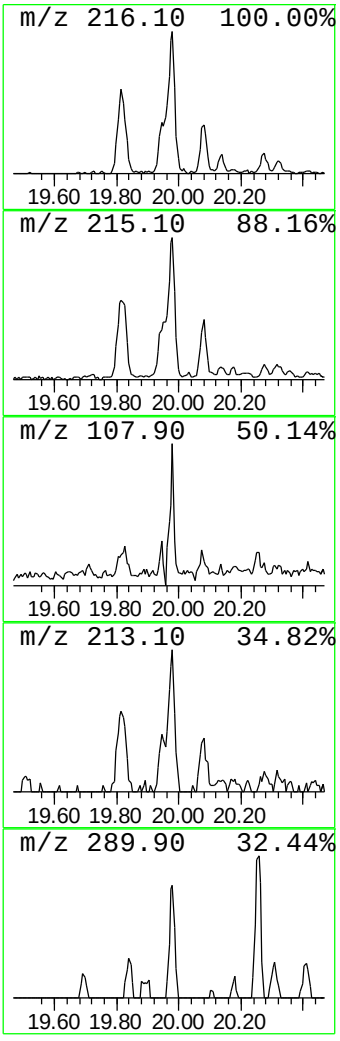
****

Peak Number 6 Pyrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.97	2.31 ng/ul	131965	Chrysene-d12	21.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	55
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	49
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	49
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	46
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040721\
Data File : BM029398.D
Acq On : 08 Apr 2021 07:44
Operator : CG/JU
Sample : M1957-18
Misc : GCMS CONFIRMATION
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0B25

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.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
(DEL) Alkane: Str...	2.95	3.9	ng/ul	141575	1	7.69	734314	20.0
(DEL) Alkane: Str...	3.12	67.0	ng/ul	2460650	1	7.69	734314	20.0
(DEL) Alkane: Cyc...	3.45	2.3	ng/ul	83358	1	7.69	734314	20.0
1H-Cyclopropa[l]p...	17.99	2.8	ng/ul	164806	4	17.06	1185800	20.0
4H-Cyclopenta[def...	18.13	2.0	ng/ul	118863	4	17.06	1185800	20.0
Pyrene, 1-methyl-	19.97	2.3	ng/ul	131965	5	21.24	1144230	20.0