

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027101.D
 Acq On : 14 Aug 2020 23:57
 Operator : JU/CG
 Sample : L3631-08
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFMM4

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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-BM080720MA.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	3.204	33	37	42	rVB2	13503	18729	0.64%	0.051%
2	3.699	117	121	125	rBV	29040	33458	1.15%	0.092%
3	3.828	138	143	149	rVV	24990	37254	1.28%	0.102%
4	3.916	153	158	165	rVB	11639	17450	0.60%	0.048%
5	4.804	305	309	313	rBV	19662	25577	0.88%	0.070%
6	6.816	644	651	663	rBV2	300602	507721	17.39%	1.394%
7	6.975	672	678	687	rVB	226692	359380	12.31%	0.986%
8	7.175	706	712	722	rVB	319171	490091	16.78%	1.345%
9	7.639	783	791	797	rBV	540214	828251	28.36%	2.273%
10	8.339	903	910	918	rBV	342758	523134	17.91%	1.436%
11	8.775	977	984	993	rBV	279401	459978	15.75%	1.262%
12	9.498	1098	1107	1115	rBV	228122	371510	12.72%	1.020%
13	10.033	1190	1198	1209	rVB	377401	619831	21.23%	1.701%
14	10.410	1253	1262	1268	rBV	645512	1065375	36.48%	2.924%
15	10.457	1268	1270	1275	rVB2	8629	11656	0.40%	0.032%
16	10.539	1277	1284	1293	rBV	225151	399005	13.66%	1.095%
17	12.074	1540	1545	1550	rBV	7916	11545	0.40%	0.032%
18	12.298	1579	1583	1588	rVB2	7023	11308	0.39%	0.031%
19	13.592	1797	1803	1809	rVB4	8537	13791	0.47%	0.038%
20	13.686	1813	1819	1823	rVV	670666	923349	31.62%	2.534%
21	13.733	1823	1827	1834	rVB	111464	152929	5.24%	0.420%
22	13.963	1859	1866	1879	rBV	675013	1080362	37.00%	2.965%
23	14.268	1911	1918	1925	rBV	964229	1440000	49.31%	3.952%
24	14.339	1925	1930	1934	rVB2	9297	14231	0.49%	0.039%
25	14.468	1946	1952	1963	rBV	234947	359231	12.30%	0.986%
26	14.668	1982	1986	1992	rVB3	12369	18887	0.65%	0.052%
27	15.151	2063	2068	2074	rVB4	6223	11984	0.41%	0.033%
28	15.268	2080	2088	2093	rBV	906902	1302203	44.59%	3.574%
29	15.321	2093	2097	2102	rVV3	24509	36838	1.26%	0.101%
30	15.386	2102	2108	2116	rVV	181114	257982	8.83%	0.708%
31	15.510	2122	2129	2136	rBV6	10237	21582	0.74%	0.059%
32	15.621	2142	2148	2151	rBV4	10545	18761	0.64%	0.051%
33	15.762	2169	2172	2179	rVB3	9437	20598	0.71%	0.057%
34	15.998	2203	2212	2214	rBV7	7413	14856	0.51%	0.041%

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35	16.557	2304	2307	2311	rVV5	10245	15680	0.54%	0.043%
36	16.598	2311	2314	2317	rVV3	8866	10999	0.38%	0.030%
37	16.668	2321	2326	2330	rBV	27337	40732	1.39%	0.112%
38	16.756	2335	2341	2346	rBV5	12509	29948	1.03%	0.082%
39	16.833	2350	2354	2358	rVB	22103	32742	1.12%	0.090%
40	16.933	2364	2371	2375	rBV5	19058	29571	1.01%	0.081%
41	17.015	2379	2385	2389	rVV	1221577	1714159	58.70%	4.705%
42	17.056	2389	2392	2396	rVV	430435	558493	19.12%	1.533%
43	17.109	2396	2401	2413	rVV2	932601	1436525	49.19%	3.943%
44	17.204	2413	2417	2423	rVB8	16138	31435	1.08%	0.086%
45	17.327	2436	2438	2444	rVB6	8165	12099	0.41%	0.033%
46	17.415	2444	2453	2458	rBV2	31860	59496	2.04%	0.163%
47	17.462	2458	2461	2465	rVB6	6729	10307	0.35%	0.028%
48	17.539	2471	2474	2478	rBV4	17095	20945	0.72%	0.057%
49	17.598	2478	2484	2488	rVB4	16877	23962	0.82%	0.066%
50	17.733	2499	2507	2508	rBV7	5486	10668	0.37%	0.029%
51	17.815	2515	2521	2524	rBV6	18796	28998	0.99%	0.080%
52	17.892	2526	2534	2537	rVV	71640	123120	4.22%	0.338%
53	17.933	2537	2541	2549	rVV2	266951	408008	13.97%	1.120%
54	18.015	2551	2555	2560	rVV2	31863	59047	2.02%	0.162%
55	18.080	2560	2566	2570	rVV2	89335	167987	5.75%	0.461%
56	18.121	2570	2573	2579	rVB2	54181	72641	2.49%	0.199%
57	18.233	2587	2592	2598	rBV10	24183	36683	1.26%	0.101%
58	18.398	2615	2620	2622	rBV	58358	83590	2.86%	0.229%
59	18.427	2622	2625	2632	rVB	97906	140321	4.81%	0.385%
60	18.603	2653	2655	2659	rBV5	8676	13250	0.45%	0.036%
61	18.645	2659	2662	2666	rVV2	24155	33148	1.14%	0.091%
62	18.698	2667	2671	2674	rVV2	29289	36917	1.26%	0.101%
63	18.733	2674	2677	2681	rVB2	21400	29747	1.02%	0.082%
64	18.815	2686	2691	2696	rBV2	63446	102829	3.52%	0.282%
65	18.880	2697	2702	2705	rBV4	28540	50050	1.71%	0.137%
66	18.950	2710	2714	2723	rVB2	65836	117289	4.02%	0.322%
67	19.074	2730	2735	2742	rBV	826051	1092390	37.41%	2.998%
68	19.180	2750	2753	2756	rBV4	15285	20507	0.70%	0.056%
69	19.227	2757	2761	2765	rVB2	75375	99380	3.40%	0.273%
70	19.280	2767	2770	2774	rBV4	22271	33097	1.13%	0.091%
71	19.409	2787	2792	2795	rBV	1239452	1845276	63.19%	5.065%

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72	19.439	2795	2797	2805	rVV	825734	958352	32.82%	2.630%
73	19.515	2807	2810	2816	rVB2	38169	65791	2.25%	0.181%
74	19.621	2825	2828	2832	rBV	45064	52034	1.78%	0.143%
75	19.680	2835	2838	2844	rVB2	38351	60370	2.07%	0.166%
76	19.756	2846	2851	2859	rBV4	217071	374354	12.82%	1.027%
77	19.903	2872	2876	2879	rBV4	53017	90193	3.09%	0.248%
78	19.939	2879	2882	2887	rVB	100008	140501	4.81%	0.386%
79	20.039	2896	2899	2903	rBV2	46084	57084	1.95%	0.157%
80	20.097	2904	2909	2913	rVV2	92121	142329	4.87%	0.391%
81	20.239	2930	2933	2937	rBV	54886	64220	2.20%	0.176%
82	20.280	2937	2940	2944	rBV2	46347	75200	2.58%	0.206%
83	20.492	2974	2976	2979	rBV3	30540	30387	1.04%	0.083%
84	20.686	3005	3009	3016	rVB	105453	147307	5.04%	0.404%
85	20.850	3032	3037	3041	rBV3	75217	148009	5.07%	0.406%
86	20.892	3041	3044	3047	rVV	87182	96408	3.30%	0.265%
87	20.944	3047	3053	3057	rVV2	416125	598360	20.49%	1.642%
88	20.980	3057	3059	3064	rVB	105757	128655	4.41%	0.353%
89	21.150	3085	3088	3091	rBV2	60102	71402	2.45%	0.196%
90	21.203	3091	3097	3101	rVV2	1776945	2750563	94.19%	7.549%
91	21.244	3101	3104	3112	rVB	481736	618028	21.16%	1.696%
92	22.497	3313	3317	3325	rVB3	219746	318509	10.91%	0.874%
93	22.774	3355	3364	3368	rBV2	1476080	2920264	100.00%	8.015%
94	22.815	3368	3371	3383	rVB2	537108	822109	28.15%	2.256%
95	23.215	3435	3439	3442	rBV	172560	281048	9.62%	0.771%
96	23.262	3442	3447	3452	rVV	804623	1457468	49.91%	4.000%
97	23.309	3452	3455	3464	rVB2	310076	687754	23.55%	1.888%
98	23.403	3465	3471	3477	rBV2	1110550	2001076	68.52%	5.492%
99	23.968	3562	3567	3574	rVB	428813	775418	26.55%	2.128%
100	24.044	3576	3580	3587	rVB5	206129	390463	13.37%	1.072%

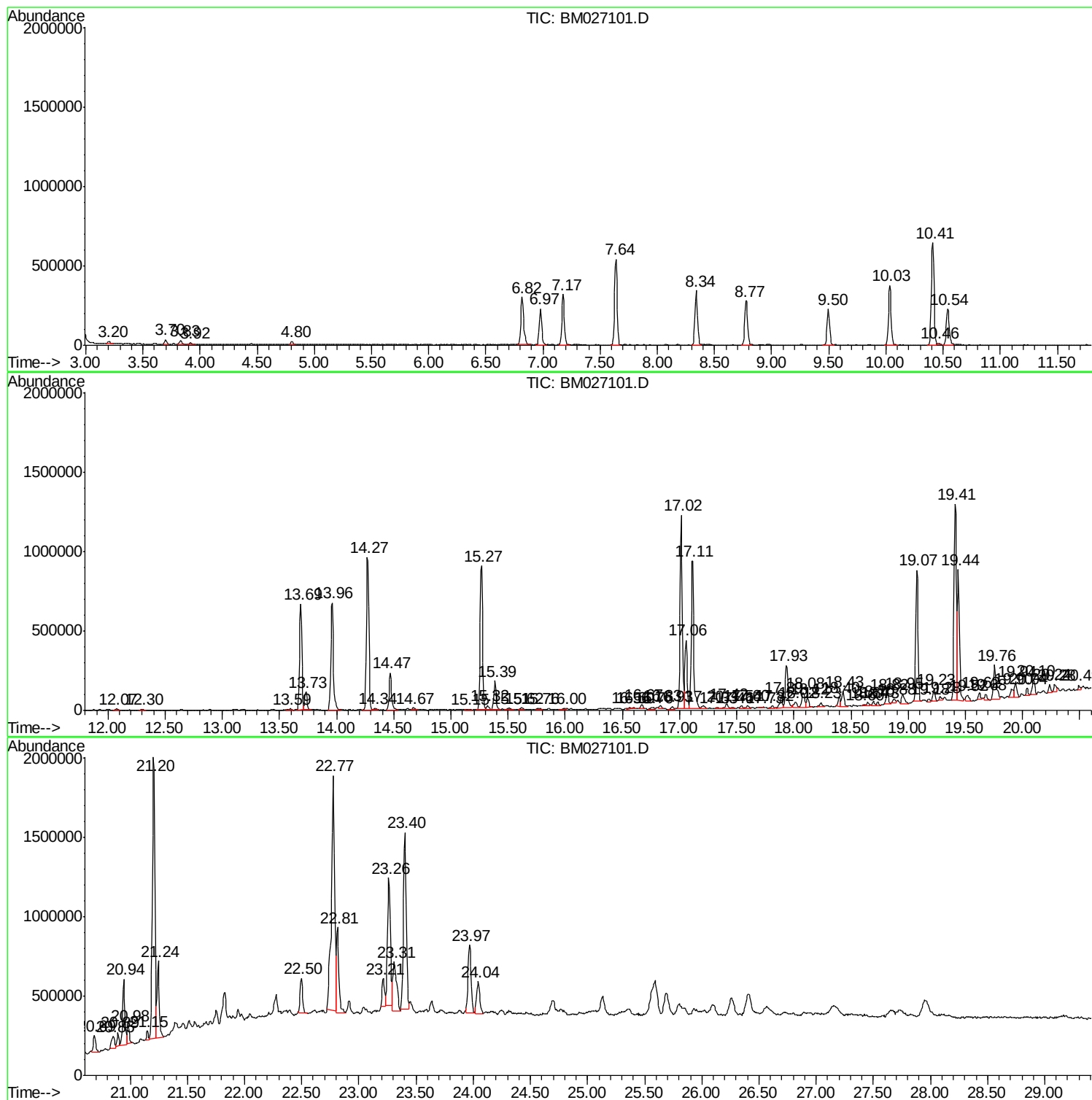
Sum of corrected areas: 36434529

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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



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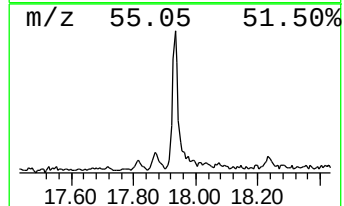
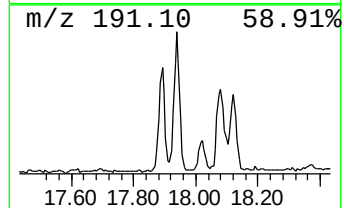
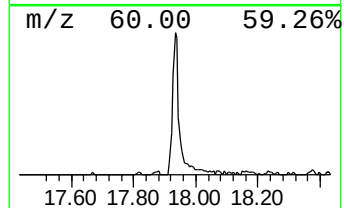
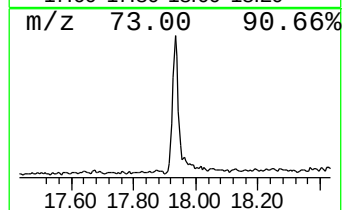
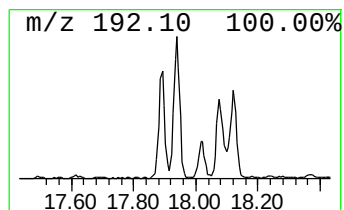
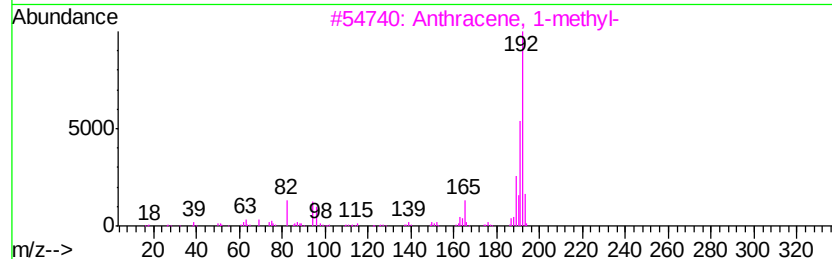
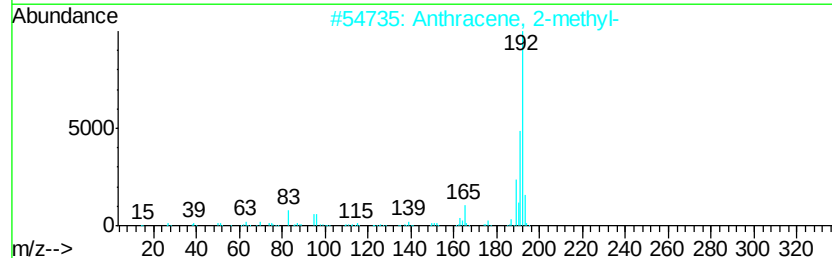
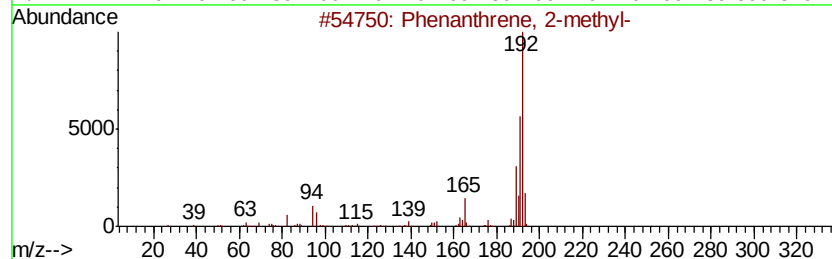
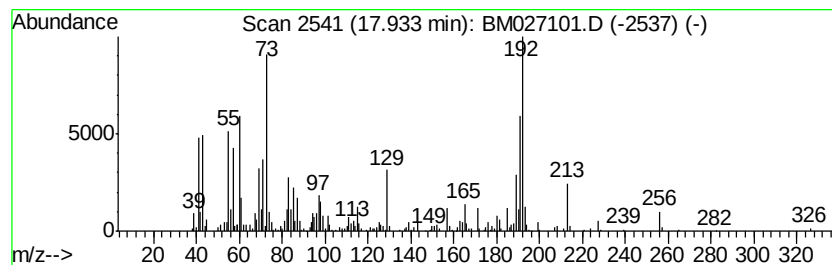
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.93	4.76 ng/ul	408008	Phenanthrene-d10	17.02	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	84
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83



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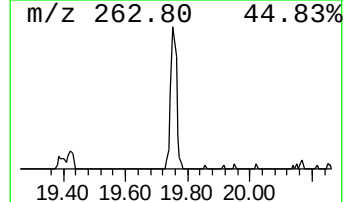
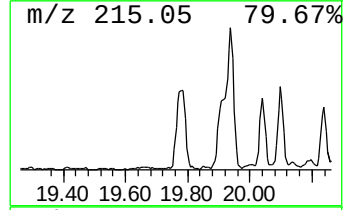
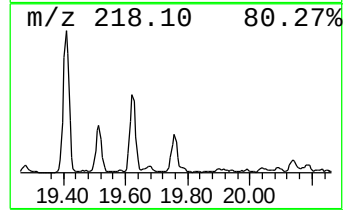
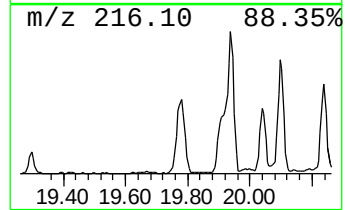
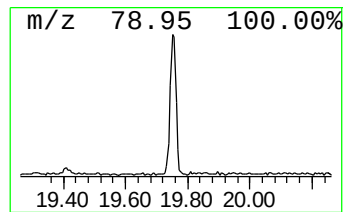
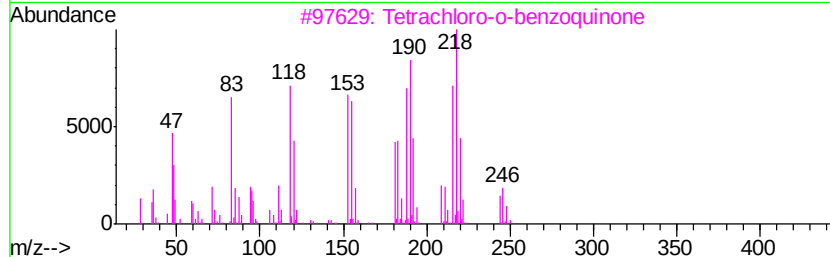
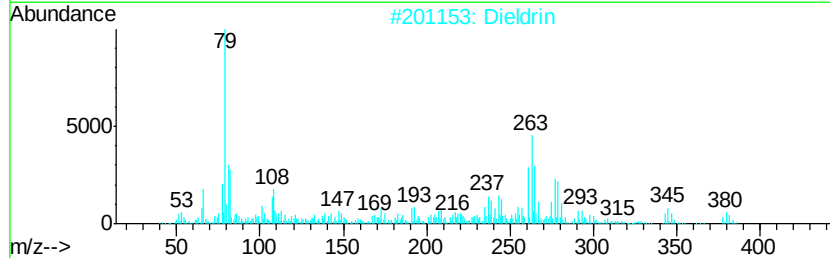
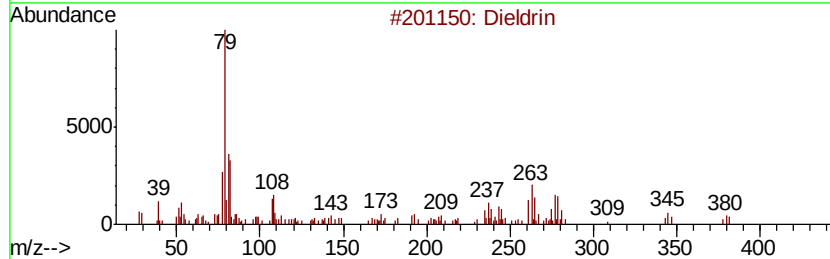
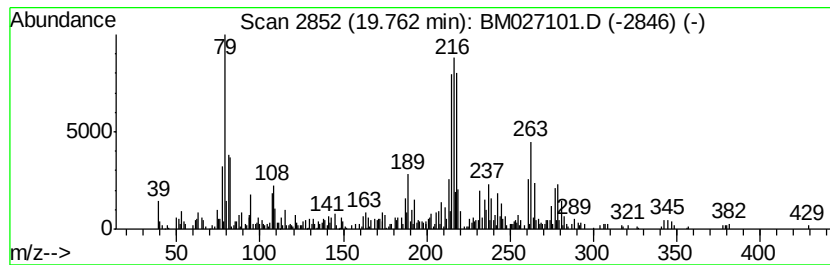
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dieldrin Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.72 ng/ul	374354	Chrysene-d12	21.21
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dieldrin		378 C12H8Cl6O	000060-57-1 99
2	Dieldrin		378 C12H8Cl6O	000060-57-1 94
3	Tetrachloro-o-benzoquinone		244 C6Cl4O2	002435-53-2 59
4	Dieldrin		378 C12H8Cl6O	000060-57-1 49
5	1,2,3,4,10,10-Hexachloro-6,7-epo...		378 C12H8Cl6O	056816-04-7 38



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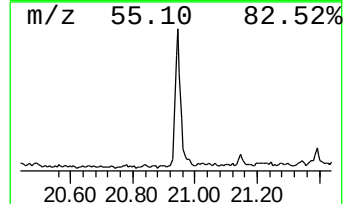
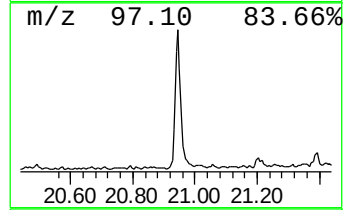
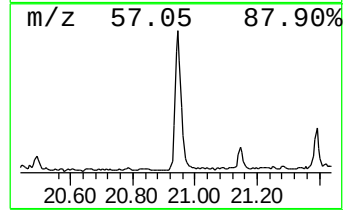
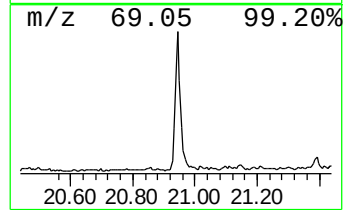
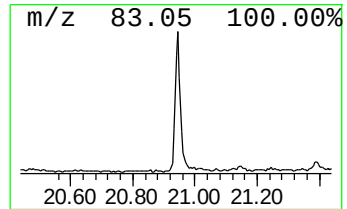
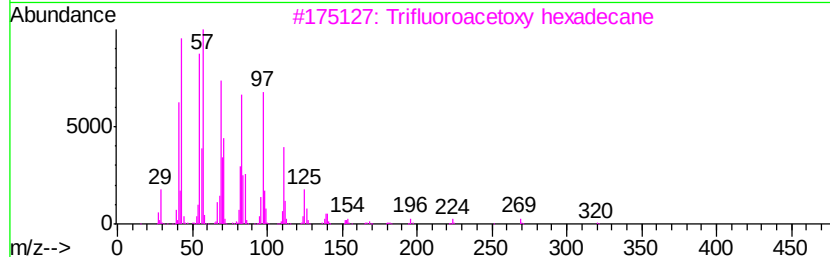
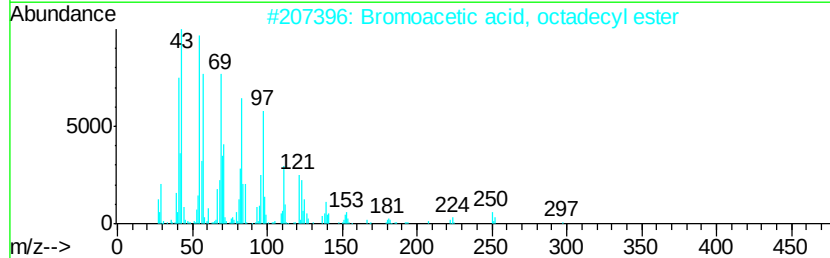
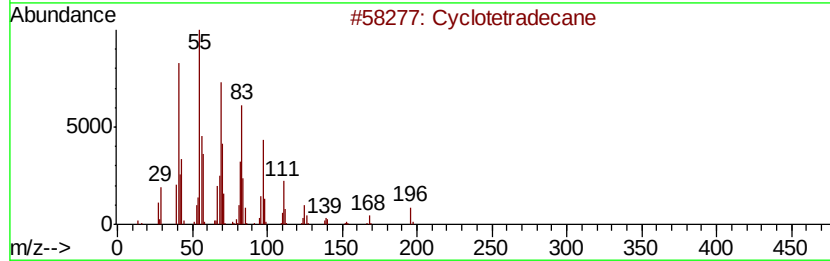
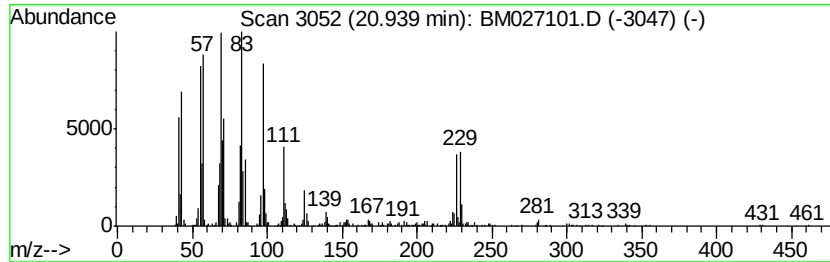
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Peak Number 3 (DEL) Alkane: Cyclic20.94 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	4.35 ng/ul	598360	Chrysene-d12	21.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	94
2		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87
3		Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	83
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	81
5		Pentadec-7-ene, 7-bromomethyl-	302	C16H31Br	1000259-58-5	70



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Data File : BM027101.D
Acq On : 14 Aug 2020 23:57
Operator : JU/CG
Sample : L3631-08
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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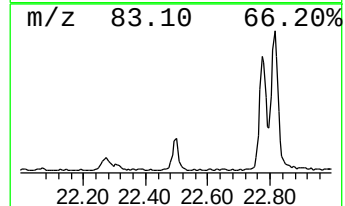
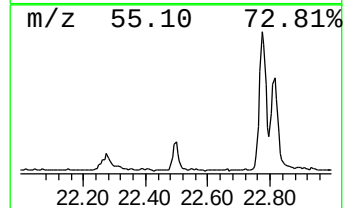
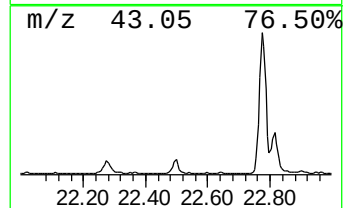
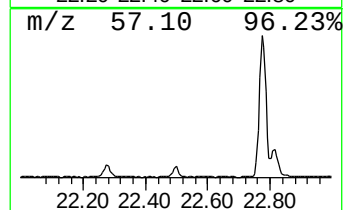
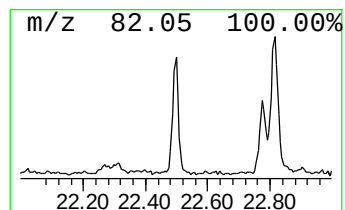
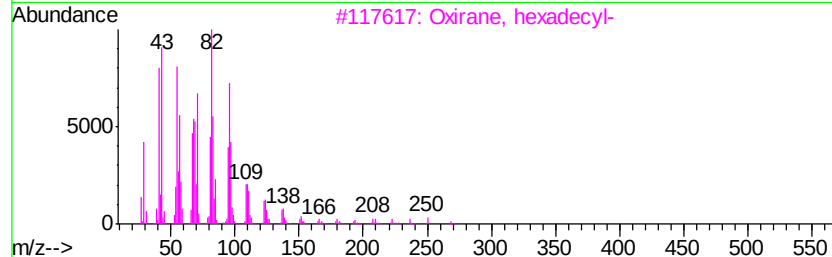
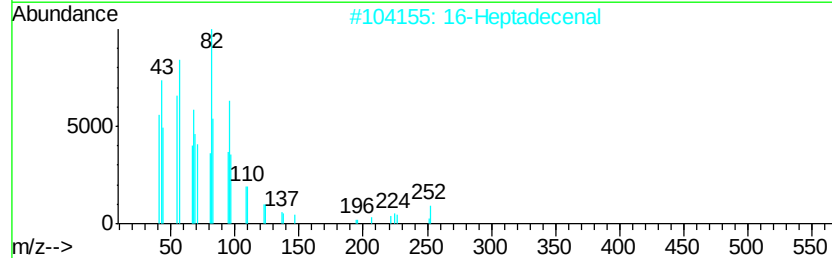
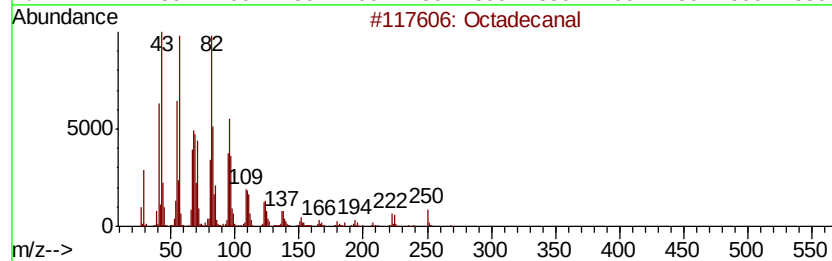
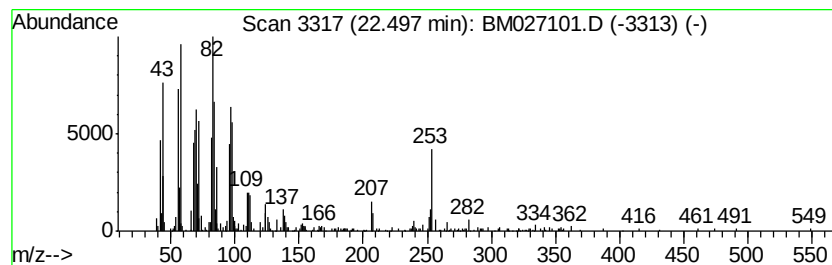
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Octadecanal Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.50	3.18 ng/ul	318509	Perylene-d12	23.40

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal		268	C18H36O	000638-66-4	93
2	16-Heptadecenal		252	C17H32O	1000144-57-9	93
3	Oxirane, hexadecyl-		268	C18H36O	007390-81-0	91
4	Tetradecanal		212	C14H28O	000124-25-4	89
5	Octadecanal		268	C18H36O	000638-66-4	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027101.D
Acq On : 14 Aug 2020 23:57
Operator : JU/CG
Sample : L3631-08
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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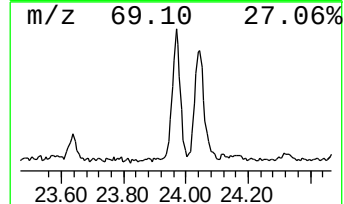
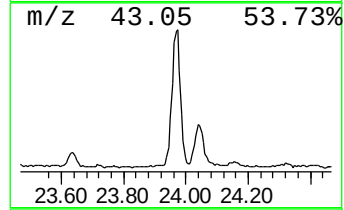
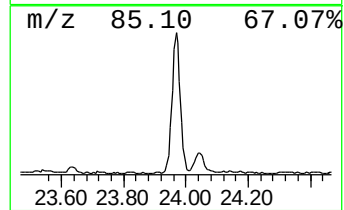
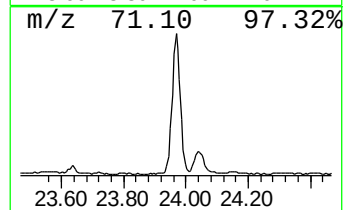
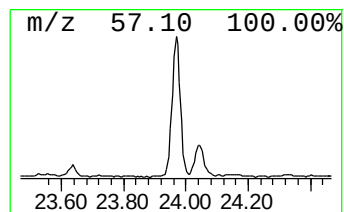
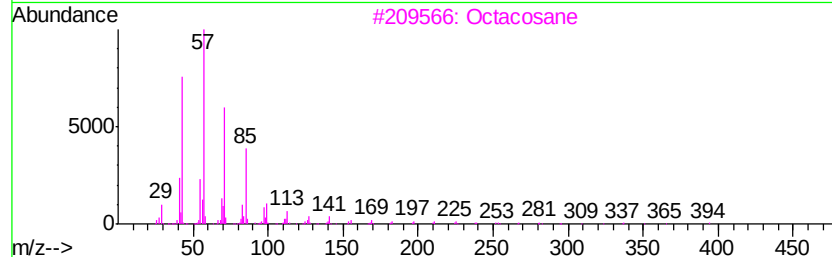
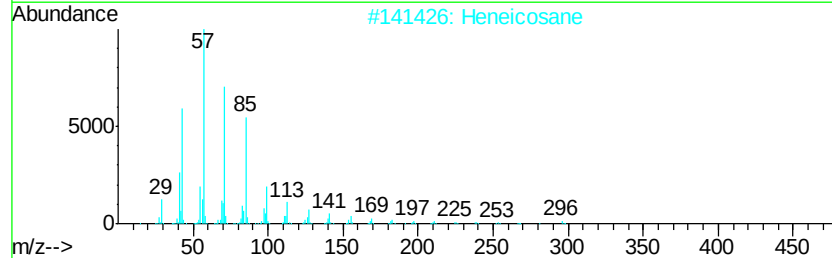
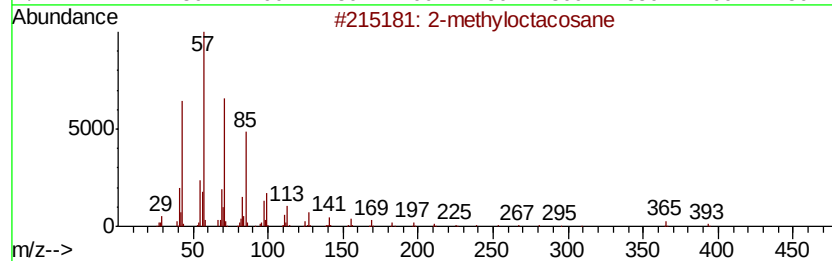
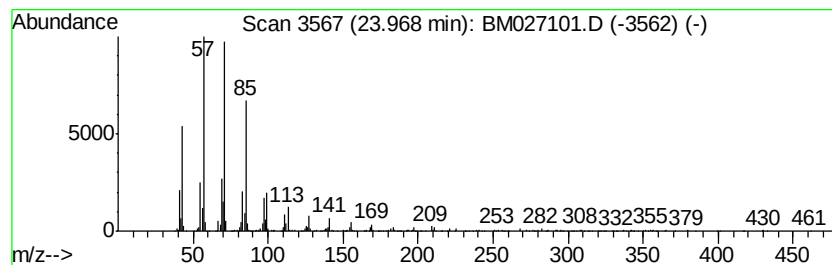
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.97	7.75 ng/ul	775418	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-methyloctacosane	408	C29H60	1000376-72-8	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Octacosane	394	C28H58	000630-02-4	87
4		Tetratetracontane	619	C44H90	007098-22-8	87
5		triacontane	422	C30H62	000638-68-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027101.D
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Operator : JU/CG
Sample : L3631-08
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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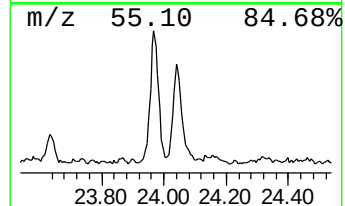
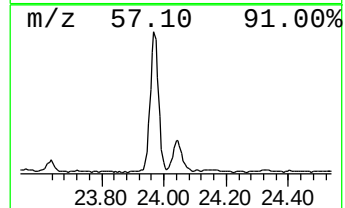
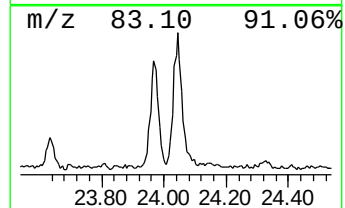
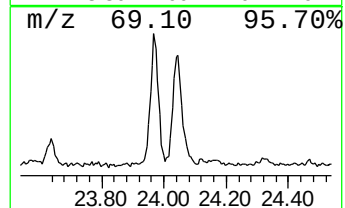
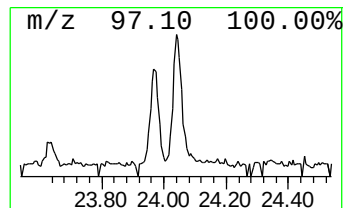
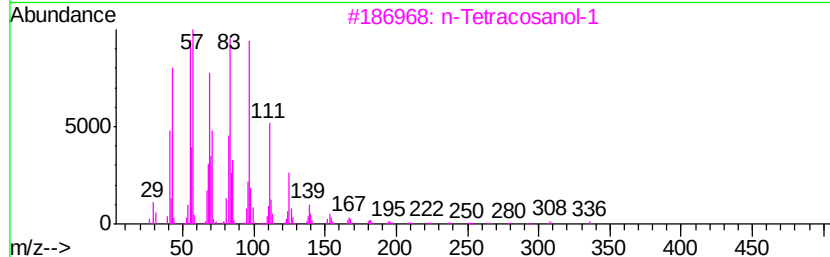
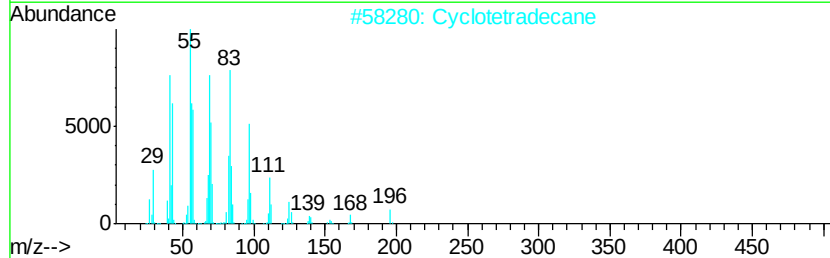
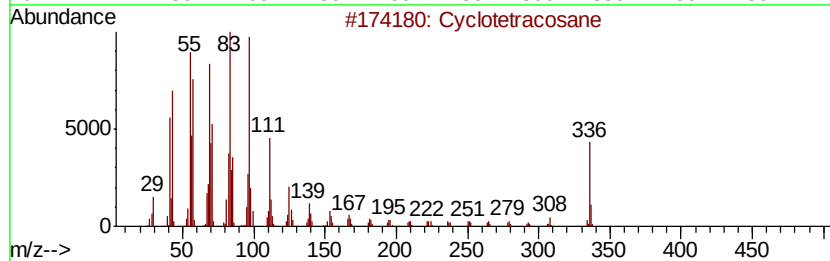
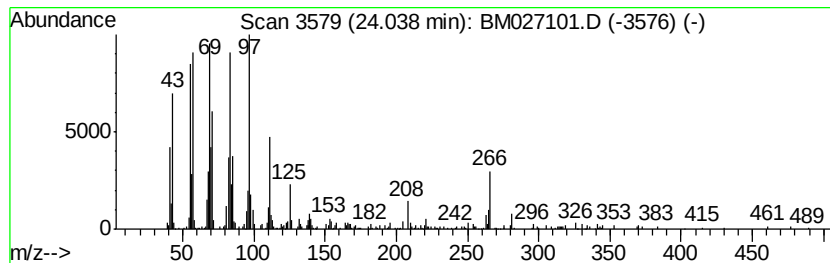
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic24.04 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.04	3.90 ng/ul	390463	Perylene-d12	23.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetracosane	336	C24H48	000297-03-0	93
2		Cyclotetradecane	196	C14H28	000295-17-0	87
3		n-Tetracosanol-1	354	C24H50O	000506-51-4	83
4		1-Heptacosanol	396	C27H56O	002004-39-9	83
5		Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM081320\
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Sample : L3631-08
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 2-m...	17.93	4.8	ng/ul	408008	4	17.02	1714160	20.0
Dieldrin	19.76	2.7	ng/ul	374354	5	21.21	2750560	20.0
(DEL) Alkane: Cyc...	20.94	4.3	ng/ul	598360	5	21.21	2750560	20.0
Octadecanal	22.50	3.2	ng/ul	318509	6	23.40	2001080	20.0
(DEL) Alkane: Str...	23.97	7.8	ng/ul	775418	6	23.40	2001080	20.0
(DEL) Alkane: Cyc...	24.04	3.9	ng/ul	390463	6	23.40	2001080	20.0