

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP022420\
 Data File : BP001874.D
 Acq On : 24 Feb 2020 22:49
 Operator : CG/JU
 Sample : L1418-20DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C5AW4DL

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_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	2.922	3	6	23	rVB	326913	512477	4.35%	0.550%
2	3.681	131	135	143	rBV	33921	51523	0.44%	0.055%
3	5.669	468	473	478	rVB	35250	52632	0.45%	0.057%
4	6.828	663	670	681	rBV	130812	224883	1.91%	0.242%
5	6.993	692	698	706	rBV	110111	170766	1.45%	0.183%
6	7.187	724	731	739	rBV	144588	230991	1.96%	0.248%
7	7.322	748	754	761	rBV	28031	54124	0.46%	0.058%
8	7.652	800	810	820	rBV	1281148	2035207	17.28%	2.186%
9	8.187	893	901	909	rBV	24643	46452	0.39%	0.050%
10	8.357	924	930	936	rBV	162995	259443	2.20%	0.279%
11	8.793	990	1004	1012	rBV	161930	284223	2.41%	0.305%
12	8.922	1020	1026	1038	rBV4	15839	45436	0.39%	0.049%
13	9.510	1121	1126	1135	rVB	113704	192147	1.63%	0.206%
14	10.052	1212	1218	1227	rVB	235364	396073	3.36%	0.425%
15	10.422	1274	1281	1287	rBV	2273781	3814822	32.39%	4.097%
16	10.475	1287	1290	1296	rVV	75438	112601	0.96%	0.121%
17	10.557	1298	1304	1318	rBV	108175	230562	1.96%	0.248%
18	13.698	1833	1838	1842	rVV	332907	477742	4.06%	0.513%
19	13.745	1842	1846	1852	rVB2	132164	205804	1.75%	0.221%
20	13.975	1878	1885	1888	rBV	404432	662424	5.63%	0.711%
21	14.004	1888	1890	1901	rVB	325581	418030	3.55%	0.449%
22	14.287	1931	1938	1945	rBV	2841754	4218606	35.82%	4.530%
23	14.351	1945	1949	1957	rVB	96039	140273	1.19%	0.151%
24	14.487	1967	1972	1985	rBV3	74025	156979	1.33%	0.169%
25	14.692	2002	2007	2016	rVB2	51039	99576	0.85%	0.107%
26	14.898	2037	2042	2052	rBV2	36025	97080	0.82%	0.104%
27	15.163	2083	2087	2093	rVB	43989	63653	0.54%	0.068%
28	15.287	2102	2108	2113	rVB	561762	788366	6.69%	0.847%
29	15.339	2113	2117	2124	rBV2	85475	146049	1.24%	0.157%
30	15.404	2124	2128	2132	rBV	46726	63132	0.54%	0.068%
31	16.016	2227	2232	2239	rBV7	34004	73170	0.62%	0.079%
32	16.351	2283	2289	2294	rBV4	22224	48891	0.42%	0.053%
33	16.692	2344	2347	2356	rVB6	41788	81377	0.69%	0.087%
34	16.857	2371	2375	2380	rVB	52813	77156	0.66%	0.083%

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35	17.039	2400	2406	2410	rBV	3646759	5193242	44.10%	5.577%
36	17.081	2410	2413	2418	rVV	1139727	1487318	12.63%	1.597%
37	17.139	2418	2423	2426	rVV	602663	909466	7.72%	0.977%
38	17.169	2426	2428	2434	rVB	322664	396200	3.36%	0.425%
39	17.233	2434	2439	2445	rBV4	51474	93288	0.79%	0.100%
40	17.439	2470	2474	2480	rVB	88303	137541	1.17%	0.148%
41	17.569	2492	2496	2500	rVB	65057	87522	0.74%	0.094%
42	17.622	2502	2505	2511	rVB2	44195	61319	0.52%	0.066%
43	17.763	2526	2529	2535	rVB	29018	49433	0.42%	0.053%
44	17.916	2550	2555	2559	rBV	284113	393933	3.35%	0.423%
45	17.963	2559	2563	2569	rVB	435889	557102	4.73%	0.598%
46	18.039	2571	2576	2581	rBV	155271	219115	1.86%	0.235%
47	18.104	2581	2587	2590	rBV2	556829	945578	8.03%	1.015%
48	18.139	2590	2593	2601	rVB	242718	328145	2.79%	0.352%
49	18.404	2634	2638	2641	rBV	248840	302286	2.57%	0.325%
50	18.433	2641	2643	2649	rVB2	87708	111142	0.94%	0.119%
51	18.645	2675	2679	2683	rVV	96742	142504	1.21%	0.153%
52	18.692	2684	2687	2690	rVV	111733	144706	1.23%	0.155%
53	18.728	2690	2693	2697	rVB	88317	110387	0.94%	0.119%
54	18.810	2702	2707	2711	rBV2	306640	481349	4.09%	0.517%
55	18.869	2711	2717	2720	rVV2	198917	360378	3.06%	0.387%
56	18.898	2720	2722	2725	rVB	107570	102867	0.87%	0.110%
57	18.939	2725	2729	2738	rBV3	288564	529530	4.50%	0.569%
58	19.057	2744	2749	2756	rBV	4877865	6538946	55.53%	7.022%
59	19.128	2757	2761	2764	rBV	79744	124571	1.06%	0.134%
60	19.157	2764	2766	2770	rVV4	78597	99603	0.85%	0.107%
61	19.204	2770	2774	2778	rVV	269386	338423	2.87%	0.363%
62	19.292	2786	2789	2799	rVB2	188715	373412	3.17%	0.401%
63	19.386	2799	2805	2806	rBV	1713781	2226582	18.91%	2.391%
64	19.410	2806	2809	2818	rVV	5615812	7528922	63.93%	8.086%
65	19.486	2818	2822	2828	rVB3	148192	288682	2.45%	0.310%
66	19.586	2835	2839	2844	rBV	205128	275087	2.34%	0.295%
67	19.645	2845	2849	2855	rVB3	150204	254147	2.16%	0.273%
68	19.733	2858	2864	2870	rBV4	354023	792267	6.73%	0.851%
69	19.863	2881	2886	2887	rBV2	313870	389442	3.31%	0.418%
70	19.898	2888	2892	2896	rVB	774117	1121144	9.52%	1.204%
71	19.992	2904	2908	2912	rBV2	543103	649460	5.51%	0.697%

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72	20.051	2913	2918	2922	rVV2	563044	738752	6.27%	0.793%
73	20.139	2929	2933	2937	rBV4	108232	188255	1.60%	0.202%
74	20.186	2937	2941	2945	rVV2	410388	503643	4.28%	0.541%
75	20.227	2945	2948	2953	rVB	397584	533076	4.53%	0.572%
76	20.622	3012	3015	3022	rVB2	269490	490253	4.16%	0.526%
77	20.786	3037	3043	3046	rBV2	361412	584077	4.96%	0.627%
78	20.827	3046	3050	3053	rVV	431851	569004	4.83%	0.611%
79	20.863	3053	3056	3061	rVV2	527985	956933	8.13%	1.028%
80	20.910	3062	3064	3072	rVB	298398	430338	3.65%	0.462%
81	21.133	3095	3102	3105	rBV2	7042022	11776284	100.00%	12.647%
82	21.169	3105	3108	3115	rVB	2434782	3284395	27.89%	3.527%
83	21.245	3118	3121	3124	rBV2	364169	415600	3.53%	0.446%
84	21.286	3124	3128	3132	rBV	374770	519042	4.41%	0.557%
85	21.433	3150	3153	3160	rVB3	309315	459755	3.90%	0.494%
86	21.621	3183	3185	3188	rBV	91175	104217	0.88%	0.112%
87	21.674	3191	3194	3199	rVV2	379615	561737	4.77%	0.603%
88	21.727	3200	3203	3209	rVB2	225844	369106	3.13%	0.396%
89	21.869	3224	3227	3230	rBV2	187060	270886	2.30%	0.291%
90	21.904	3230	3233	3238	rVB2	250261	352912	3.00%	0.379%
91	22.686	3359	3366	3370	rBV	1589992	3620905	30.75%	3.889%
92	22.851	3390	3394	3401	rVB	324764	512315	4.35%	0.550%
93	23.157	3440	3446	3450	rBV	919624	1666817	14.15%	1.790%
94	23.204	3451	3454	3457	rVV	369321	540556	4.59%	0.581%
95	23.251	3457	3462	3472	rVB	1413111	2716702	23.07%	2.918%
96	23.345	3472	3478	3484	rBV	2715608	5087877	43.20%	5.464%
97	23.933	3574	3578	3585	rVB	265882	513998	4.36%	0.552%
98	24.692	3703	3707	3715	rVB2	235009	476312	4.04%	0.512%
99	25.574	3849	3857	3872	rBV2	839673	2400186	20.38%	2.578%
100	26.257	3965	3973	3992	rVB	584752	1794655	15.24%	1.927%

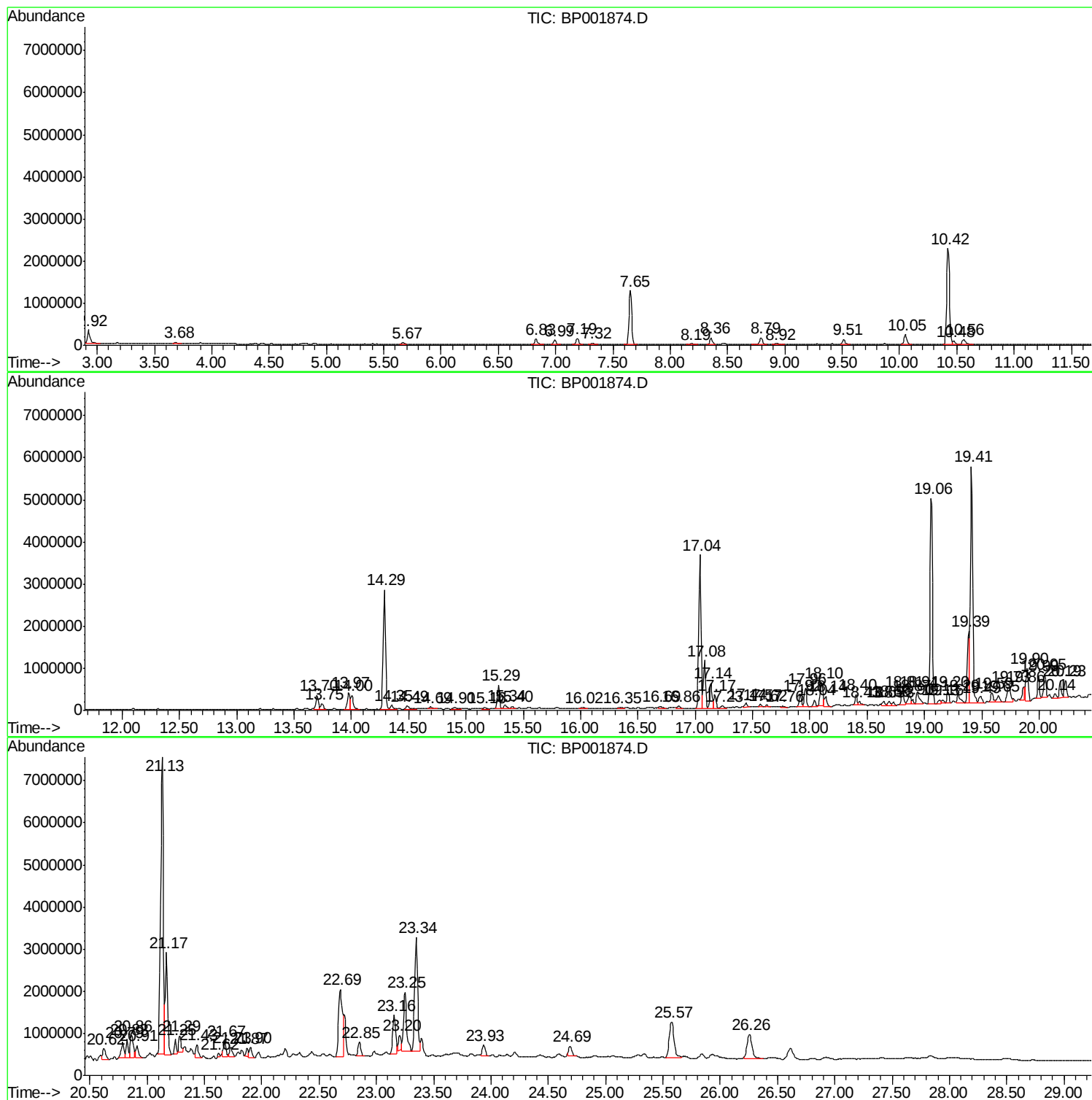
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Instrument :
BNA_P
ClientSampled :
C5AW4DL

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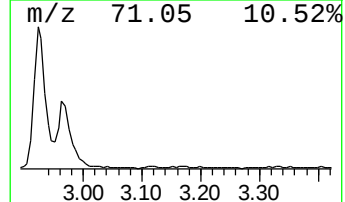
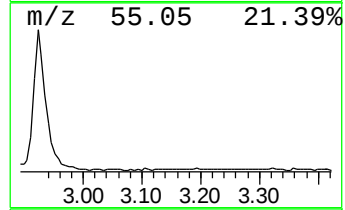
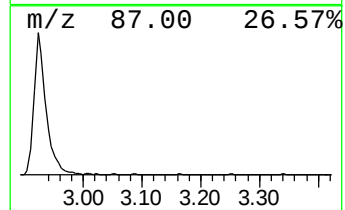
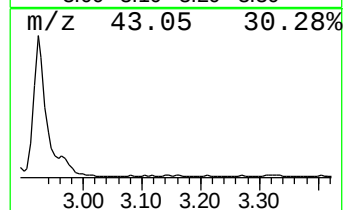
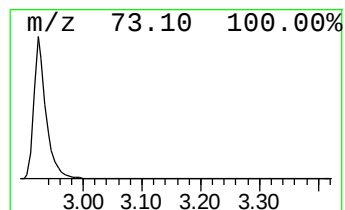
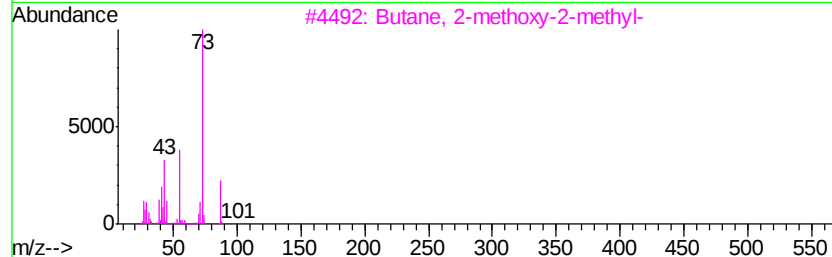
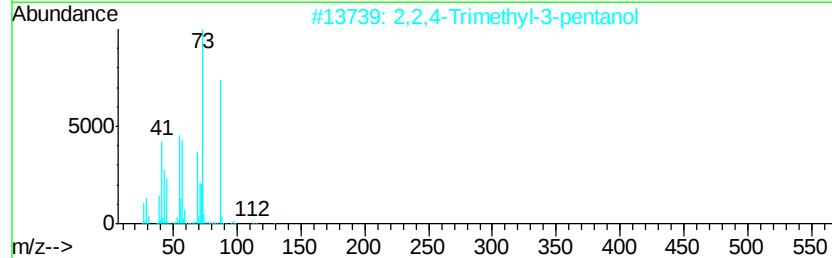
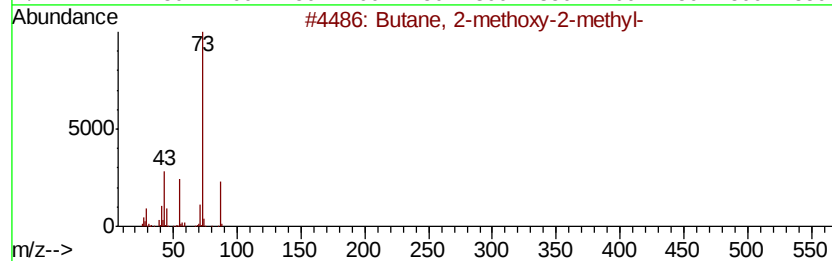
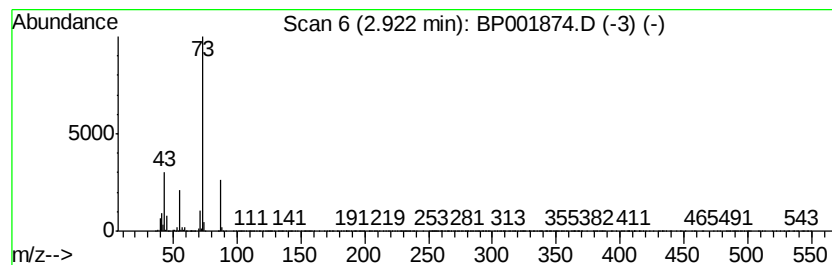
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	5.04 ng/ul	512477	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	83
2			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5			N-Ethylformamide	73	C3H7NO	000627-45-2	9



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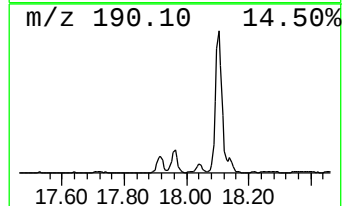
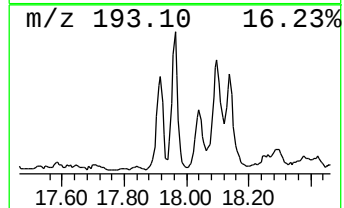
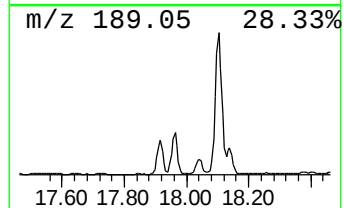
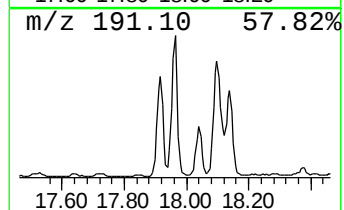
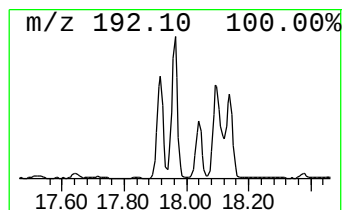
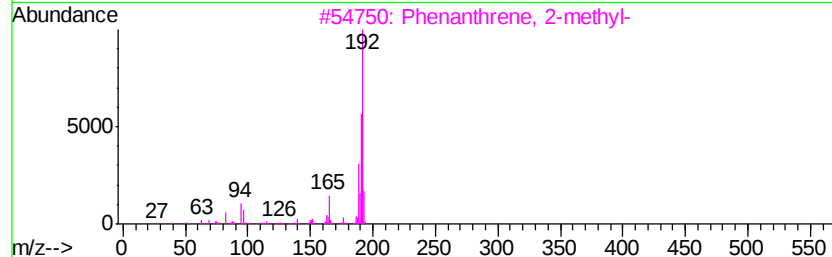
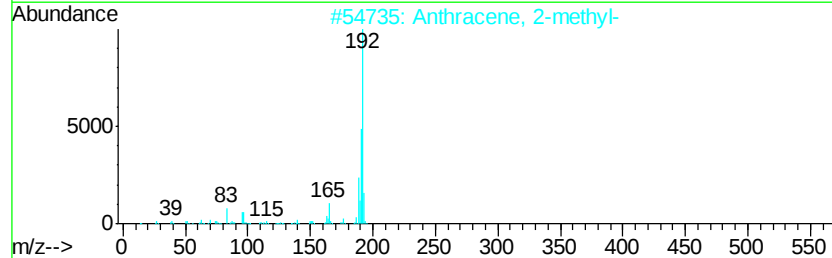
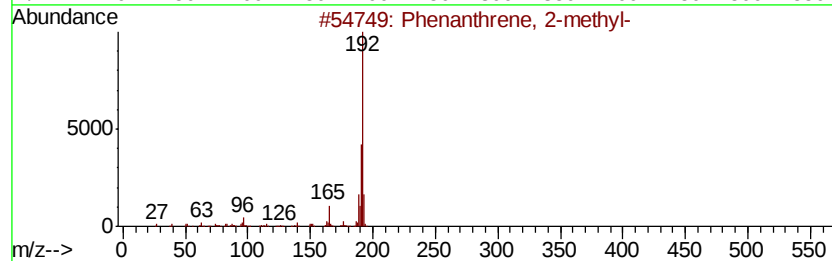
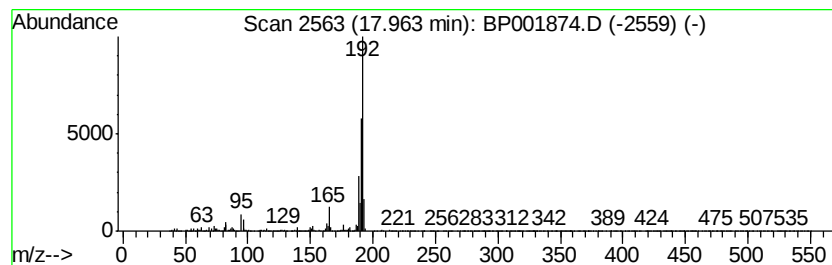
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.15 ng/ul	557102	Phenanthrene-d10	17.04

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



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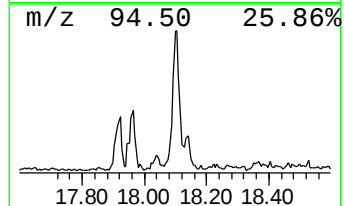
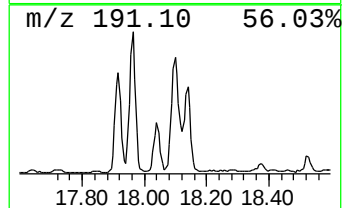
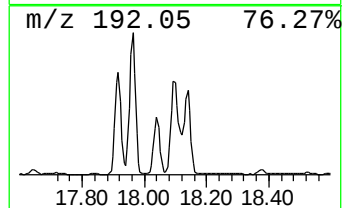
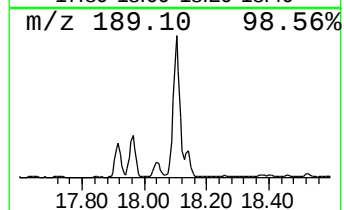
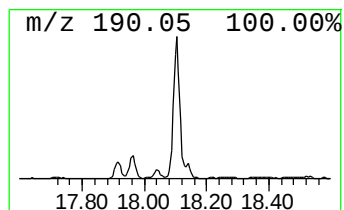
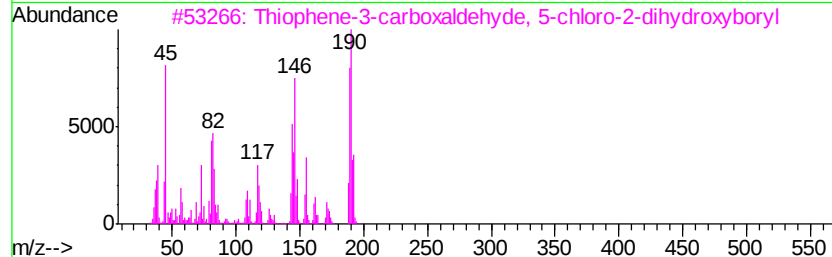
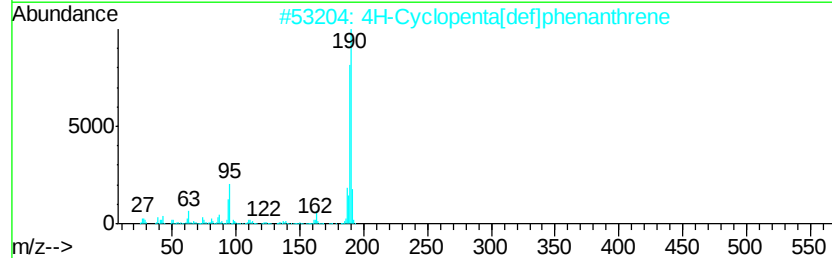
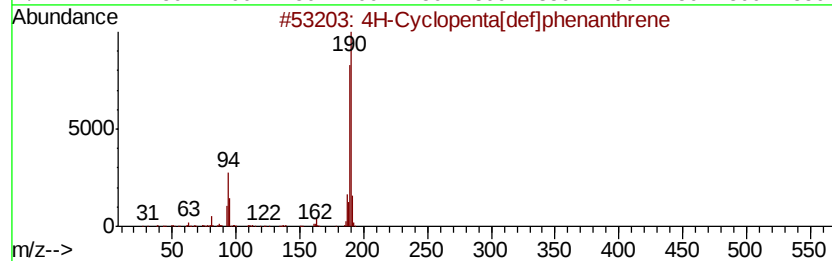
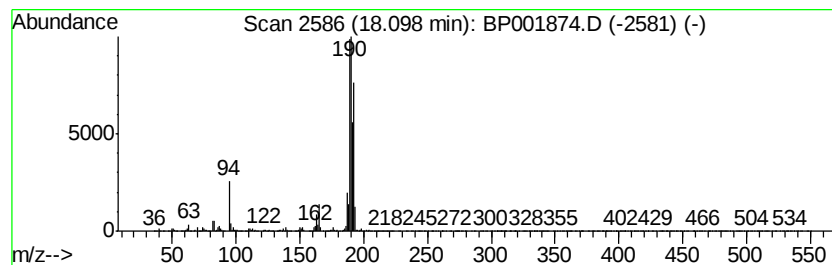
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.10	3.64 ng/ul	945578	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BCl03S	036155-87-0	53
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	53
5		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001874.D
Acq On : 24 Feb 2020 22:49
Operator : CG/JU
Sample : L1418-20DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleID :
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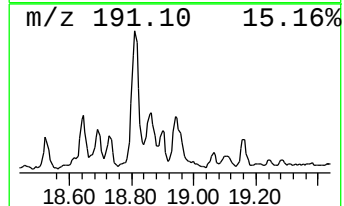
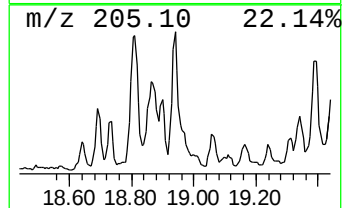
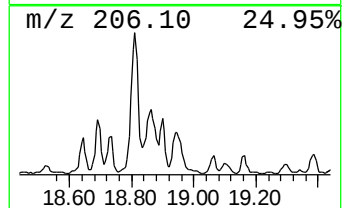
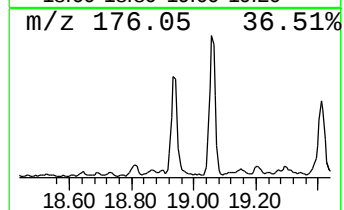
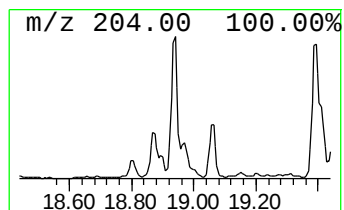
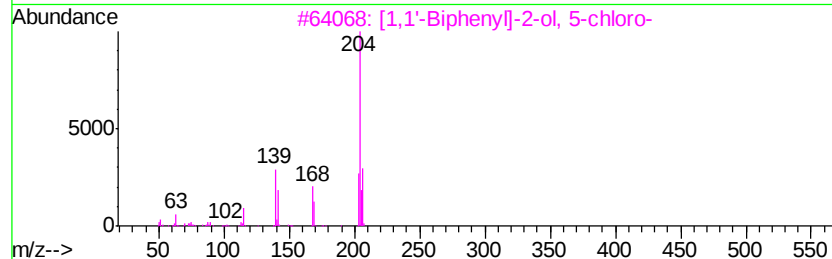
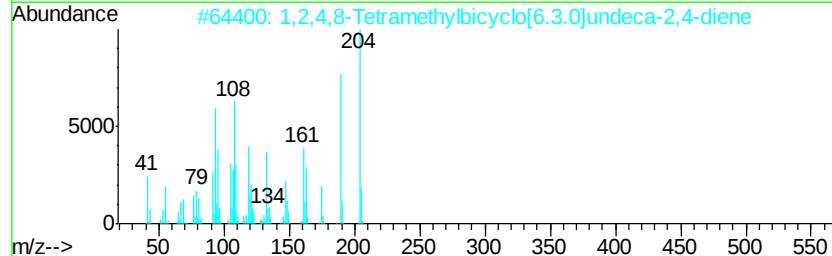
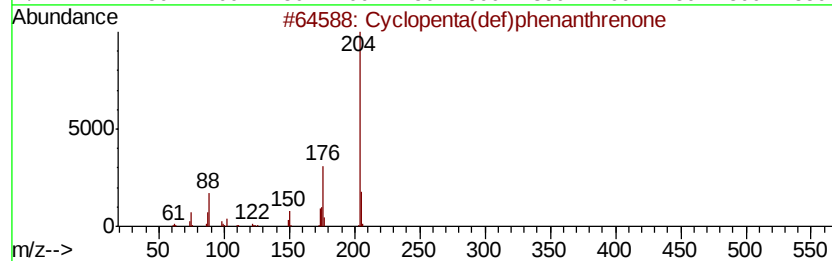
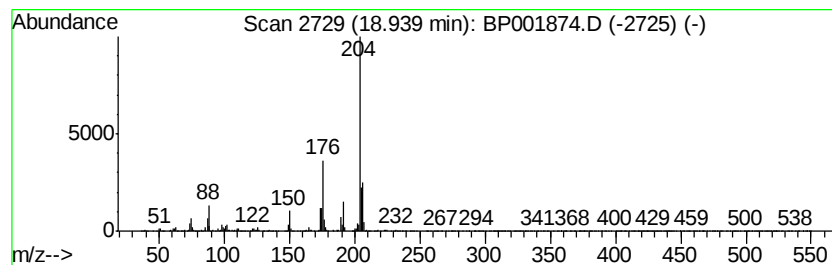
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.94	2.04 ng/ul	529530	Phenanthrene-d10	17.04

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	49
3		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
4		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	45



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
Data File : BP001874.D
Acq On : 24 Feb 2020 22:49
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Sample : L1418-20DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C5AW4DL

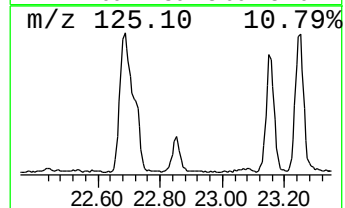
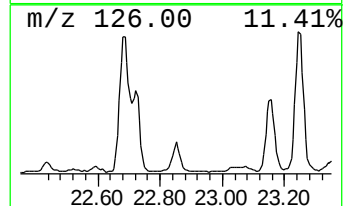
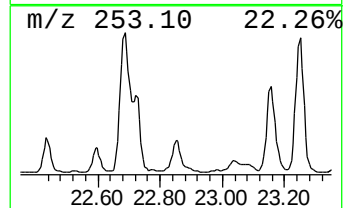
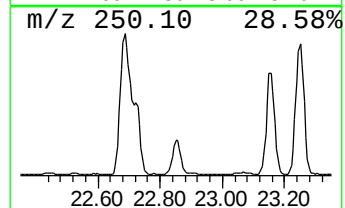
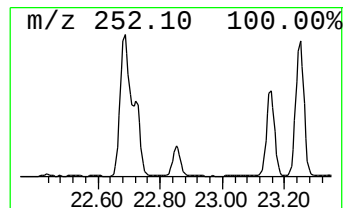
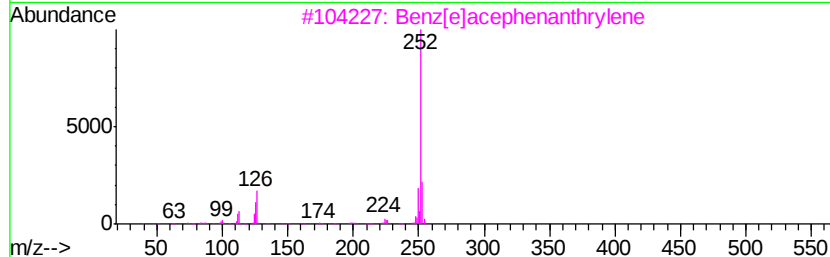
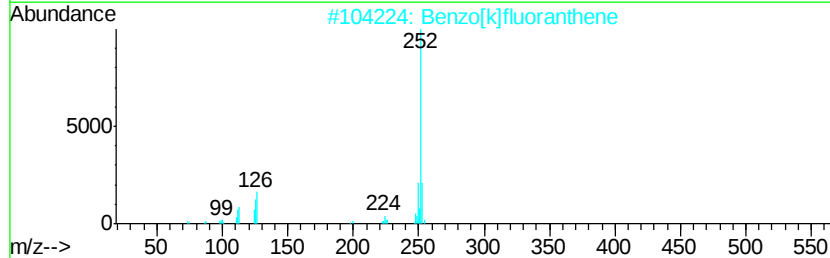
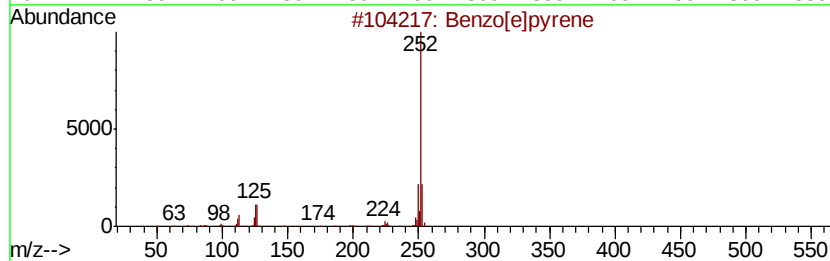
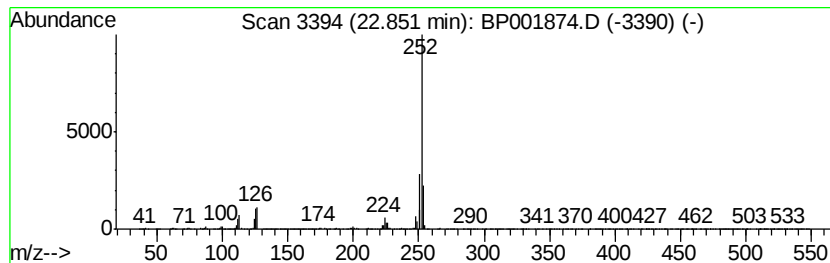
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.85	2.01 ng/ul	512315	Perylene-d12	23.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP022420\
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
C5AW4DL

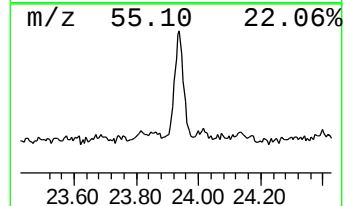
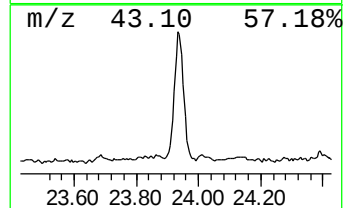
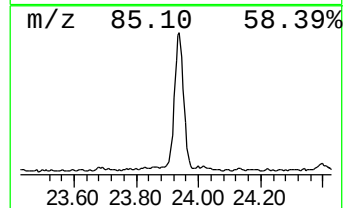
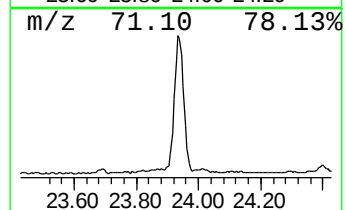
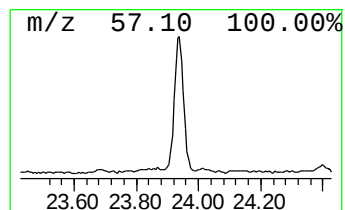
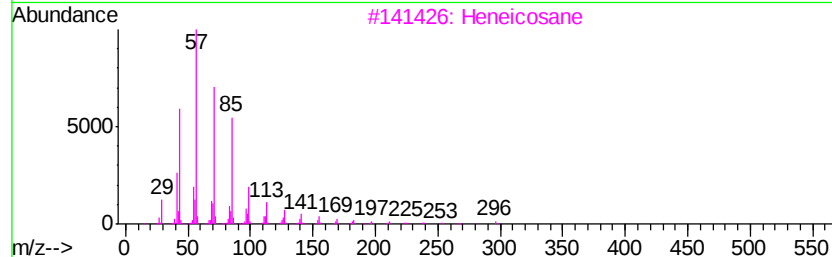
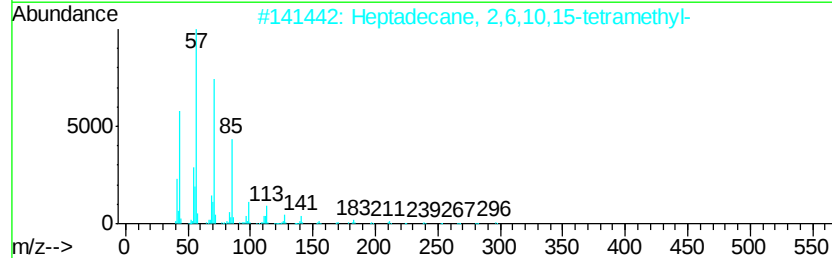
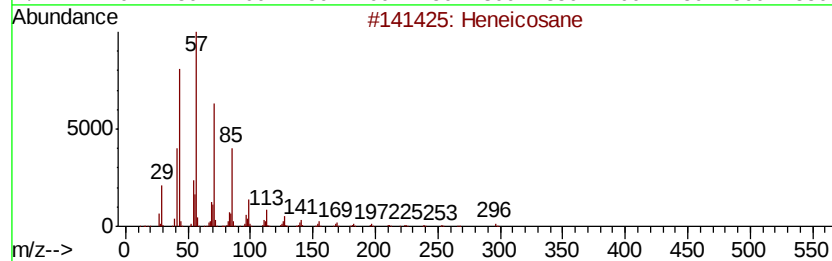
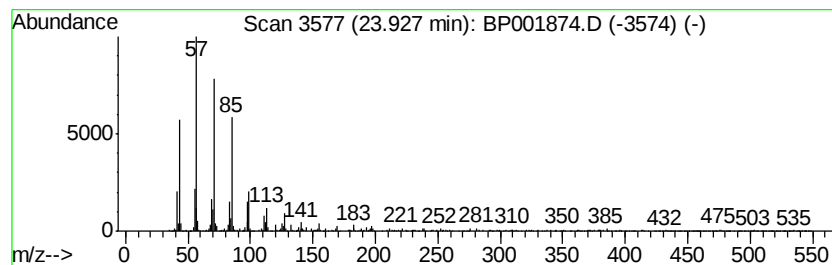
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP021820MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.93	2.02 ng/ul	513998	Perylene-d12	23.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	96
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3		Heneicosane	296	C21H44	000629-94-7	91
4		2-methyloctacosane	408	C29H60	1000376-72-8	91
5		Eicosane, 7-hexyl-	366	C26H54	055333-99-8	91



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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.92	5.0	ng/ul	512477	1	7.65	2035210	20.0
Phenanthrene, 2-m...	17.96	2.1	ng/ul	557102	4	17.04	5193240	20.0
4H-Cyclopenta[def...	18.10	3.6	ng/ul	945578	4	17.04	5193240	20.0
Cyclopenta(def)ph...	18.94	2.0	ng/ul	529530	4	17.04	5193240	20.0
Benzo[e]pyrene	22.85	2.0	ng/ul	512315	6	23.34	5087880	20.0
(DEL) Alkane: Str...	23.93	2.0	ng/ul	513998	6	23.34	5087880	20.0