

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
 Data File : BP004396.D
 Acq On : 19 Dec 2020 16:11
 Operator : CG/JU
 Sample : L5151-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AE6

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-BP121820MA.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	4.052	143	147	153	rVB	58515	86363	1.19%	0.096%
2	5.481	386	390	398	rVB	65465	114830	1.58%	0.128%
3	5.852	448	453	462	rVB2	88302	152112	2.09%	0.169%
4	6.328	529	534	541	rVB5	30069	61891	0.85%	0.069%
5	6.993	640	647	656	rBV	566807	1005959	13.83%	1.118%
6	7.158	669	675	682	rBV	438891	722108	9.93%	0.803%
7	7.358	703	709	720	rVV	594643	960944	13.22%	1.068%
8	7.475	722	729	739	rVB2	64845	138737	1.91%	0.154%
9	7.822	781	788	803	rVV	869902	1443094	19.85%	1.604%
10	7.940	803	808	815	rVB3	30745	58969	0.81%	0.066%
11	8.528	902	908	918	rVB	666202	1074174	14.77%	1.194%
12	8.981	978	985	994	rVV	517127	907381	12.48%	1.009%
13	9.052	994	997	1009	rVB2	33243	60451	0.83%	0.067%
14	9.699	1100	1107	1114	rBV	435140	748897	10.30%	0.832%
15	10.240	1190	1199	1208	rVV	712450	1197152	16.46%	1.331%
16	10.616	1254	1263	1269	rBV	1204896	2140547	29.44%	2.379%
17	10.669	1269	1272	1279	rVV	137730	215245	2.96%	0.239%
18	10.752	1279	1286	1299	rVV	539391	992117	13.64%	1.103%
19	11.652	1434	1439	1446	rBV	40838	70784	0.97%	0.079%
20	12.052	1502	1507	1513	rBV	41649	67378	0.93%	0.075%
21	12.287	1541	1547	1553	rVB	211335	341987	4.70%	0.380%
22	12.505	1578	1584	1593	rVV	169399	274770	3.78%	0.305%
23	13.299	1711	1719	1724	rBV2	77924	121818	1.68%	0.135%
24	13.628	1767	1775	1777	rBV	55868	90768	1.25%	0.101%
25	13.787	1797	1802	1807	rVV	118618	216378	2.98%	0.240%
26	13.846	1807	1812	1813	rVV	108698	152099	2.09%	0.169%
27	13.875	1813	1817	1822	rVV	1179279	1696717	23.33%	1.886%
28	13.922	1822	1825	1829	rVV	79116	113490	1.56%	0.126%
29	13.957	1829	1831	1835	rVV	63200	82008	1.13%	0.091%
30	14.028	1835	1843	1847	rVV	85533	153976	2.12%	0.171%
31	14.163	1859	1866	1878	rVB	1512487	2358798	32.44%	2.622%
32	14.375	1898	1902	1908	rBV	51420	70502	0.97%	0.078%
33	14.469	1908	1918	1924	rVV	1812204	2812255	38.68%	3.126%
34	14.534	1924	1929	1933	rVV3	34202	77035	1.06%	0.086%

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 Title : SVOA CALIBRATION

35	14.675	1945	1953	1961	rVV	383351	626561	8.62%	0.696%
36	14.875	1982	1987	1993	rVV	102026	177532	2.44%	0.197%
37	14.946	1993	1999	2005	rVB	41259	71394	0.98%	0.079%
38	15.099	2017	2025	2029	rBV2	45248	83847	1.15%	0.093%
39	15.263	2046	2053	2057	rBV4	62529	123483	1.70%	0.137%
40	15.469	2069	2088	2093	rBV	1910680	2716450	37.36%	3.019%
41	15.516	2093	2096	2101	rVV2	102577	151489	2.08%	0.168%
42	15.593	2101	2109	2117	rVV	253680	394312	5.42%	0.438%
43	15.740	2131	2134	2140	rVV2	63912	96871	1.33%	0.108%
44	15.822	2141	2148	2154	rVV	67390	118681	1.63%	0.132%
45	15.969	2165	2173	2181	rVB2	75575	178823	2.46%	0.199%
46	16.057	2181	2188	2195	rVB3	35223	80494	1.11%	0.089%
47	16.222	2208	2216	2222	rBV	205897	404262	5.56%	0.449%
48	16.769	2301	2309	2313	rBV2	62351	131156	1.80%	0.146%
49	16.887	2324	2329	2335	rVB2	53322	90524	1.24%	0.101%
50	16.963	2336	2342	2344	rVV2	46441	79678	1.10%	0.089%
51	16.998	2345	2348	2353	rVV3	66228	115974	1.59%	0.129%
52	17.051	2353	2357	2366	rVB	79157	137058	1.88%	0.152%
53	17.234	2381	2388	2392	rBV	2198398	3270123	44.97%	3.635%
54	17.275	2392	2395	2399	rVB	982577	1232842	16.95%	1.370%
55	17.328	2399	2404	2409	rBV2	1840081	2825286	38.85%	3.140%
56	17.422	2416	2420	2426	rBV	48534	72291	0.99%	0.080%
57	17.634	2448	2456	2460	rBV	85940	158956	2.19%	0.177%
58	17.740	2470	2474	2480	rVB2	64098	97686	1.34%	0.109%
59	18.104	2531	2536	2539	rBV	158616	239184	3.29%	0.266%
60	18.145	2539	2543	2548	rVB	263837	385485	5.30%	0.428%
61	18.228	2553	2557	2561	rVV	68604	97205	1.34%	0.108%
62	18.287	2562	2567	2571	rVV2	267158	489391	6.73%	0.544%
63	18.322	2571	2573	2579	rVB	147493	193137	2.66%	0.215%
64	18.410	2585	2588	2591	rBV	53969	59608	0.82%	0.066%
65	18.587	2614	2618	2621	rBV	168802	210717	2.90%	0.234%
66	18.622	2621	2624	2630	rVB	111354	158319	2.18%	0.176%
67	18.992	2682	2687	2690	rBV	124783	193088	2.66%	0.215%
68	19.128	2706	2710	2717	rBV	120033	211411	2.91%	0.235%
69	19.245	2725	2730	2737	rVB	3609882	4758913	65.45%	5.289%
70	19.345	2744	2747	2751	rVB2	64279	72182	0.99%	0.080%
71	19.486	2768	2771	2774	rVB	57693	61204	0.84%	0.068%

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72	19.575	2780	2786	2788	rBV2	3023432	4525129	62.23%	5.029%
73	19.598	2788	2790	2798	rVV	2874301	3553902	48.87%	3.950%
74	19.669	2798	2802	2808	rVV2	143608	219416	3.02%	0.244%
75	19.775	2816	2820	2825	rVB	160090	212736	2.93%	0.236%
76	19.834	2827	2830	2835	rVB	119027	154366	2.12%	0.172%
77	19.916	2839	2844	2845	rBV	178297	281373	3.87%	0.313%
78	20.081	2869	2872	2878	rVB	448409	658647	9.06%	0.732%
79	20.181	2885	2889	2893	rBV	314635	402527	5.54%	0.447%
80	20.234	2893	2898	2902	rVV2	240382	400372	5.51%	0.445%
81	20.375	2919	2922	2925	rBV	144404	171005	2.35%	0.190%
82	20.416	2927	2929	2933	rVB	131467	169078	2.33%	0.188%
83	20.816	2993	2997	3003	rVB	322510	443092	6.09%	0.492%
84	20.975	3020	3024	3028	rBV2	328954	529610	7.28%	0.589%
85	21.016	3028	3031	3033	rVV	281812	378984	5.21%	0.421%
86	21.051	3033	3037	3042	rVV3	451295	964522	13.26%	1.072%
87	21.104	3043	3046	3054	rVB2	441334	655277	9.01%	0.728%
88	21.233	3066	3068	3073	rVB2	193727	206002	2.83%	0.229%
89	21.322	3077	3083	3087	rVV2	3683507	7271425	100.00%	8.082%
90	21.363	3087	3090	3100	rVB	2224178	2863926	39.39%	3.183%
91	21.481	3107	3110	3116	rVB2	388430	518511	7.13%	0.576%
92	21.645	3134	3138	3143	rBV2	299066	474226	6.52%	0.527%
93	22.969	3357	3363	3369	rBV	2244792	5423982	74.59%	6.028%
94	23.151	3391	3394	3400	rVB	342411	536459	7.38%	0.596%
95	23.480	3444	3450	3454	rBV	1212911	2349421	32.31%	2.611%
96	23.533	3454	3459	3463	rVV	1605021	3130346	43.05%	3.479%
97	23.580	3463	3467	3475	rVB	1831980	3456270	47.53%	3.841%
98	23.686	3479	3485	3490	rBV	1605959	3103956	42.69%	3.450%
99	26.110	3890	3897	3909	rVB2	1074670	3268197	44.95%	3.632%
100	26.851	4016	4023	4039	rVB	678715	2303113	31.67%	2.560%

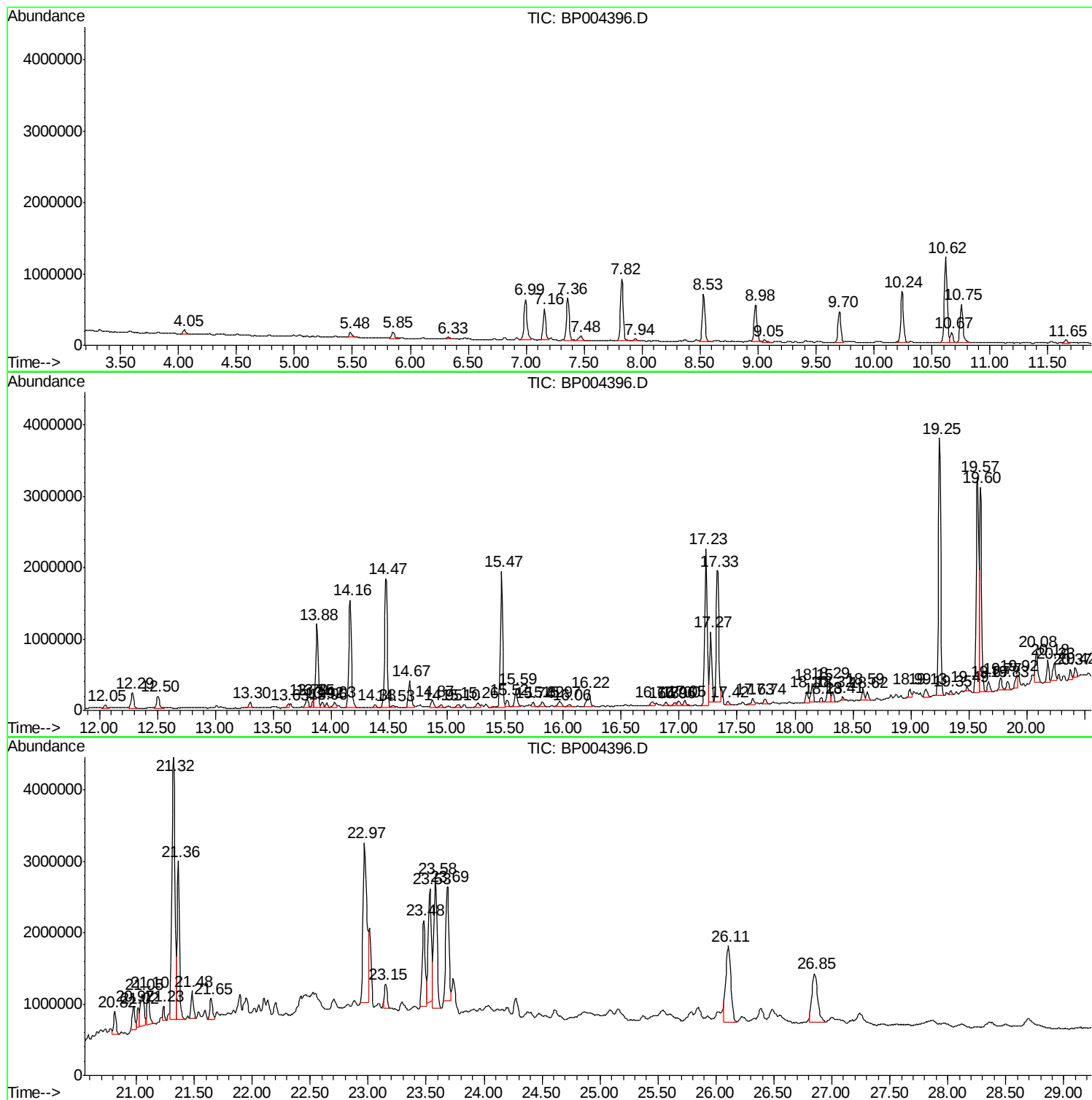
Sum of corrected areas: 89973221

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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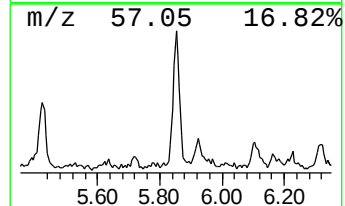
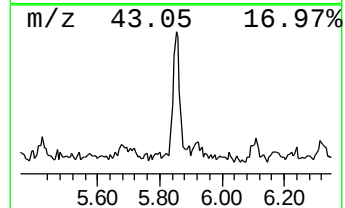
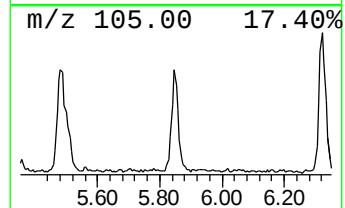
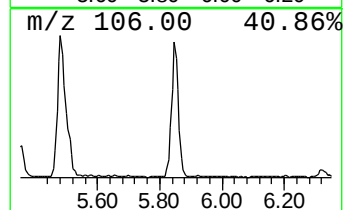
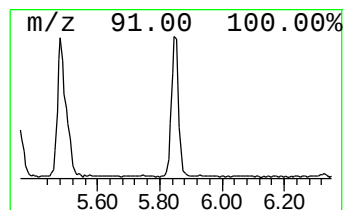
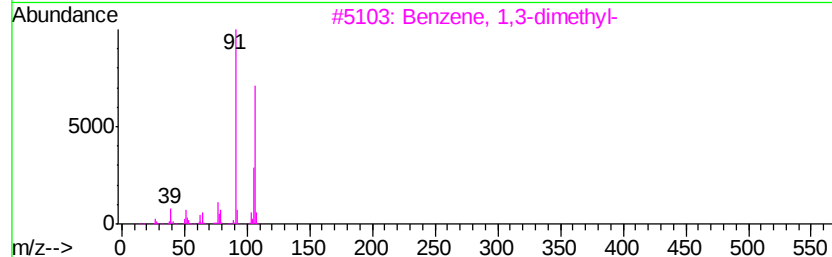
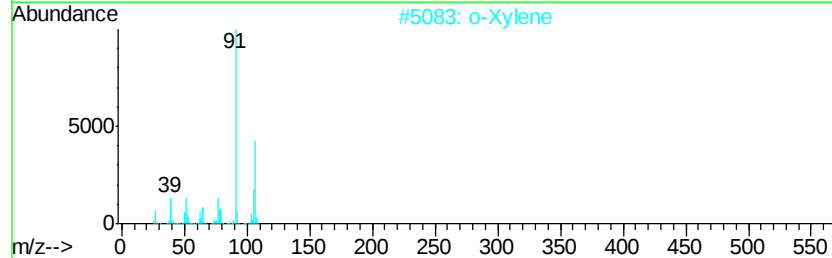
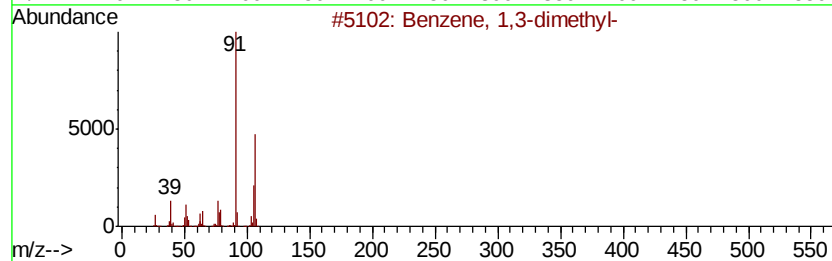
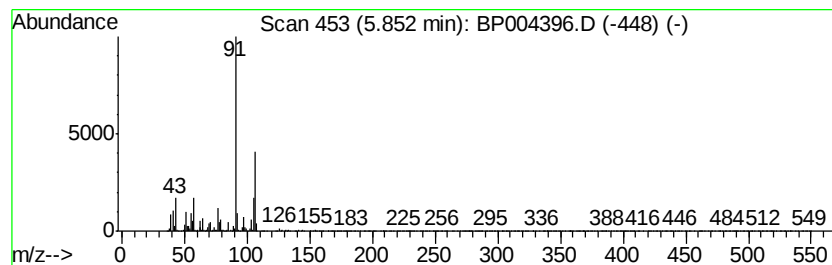
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.85	2.11 ng/ul	152112	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	94
2		o-Xylene	106	C8H10	000095-47-6	90
3		Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	81
4		o-Xylene	106	C8H10	000095-47-6	81
5		p-Xylene	106	C8H10	000106-42-3	81



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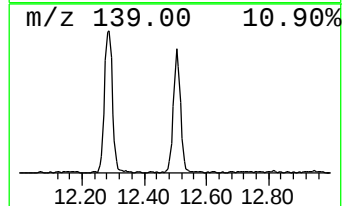
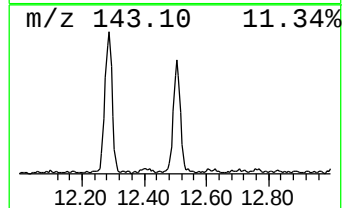
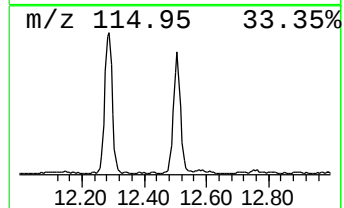
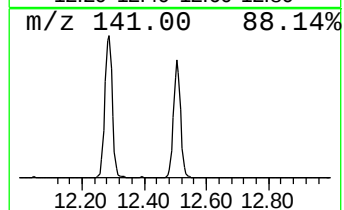
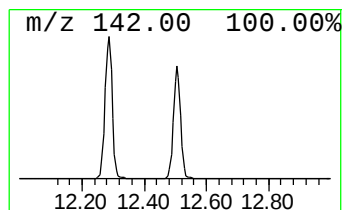
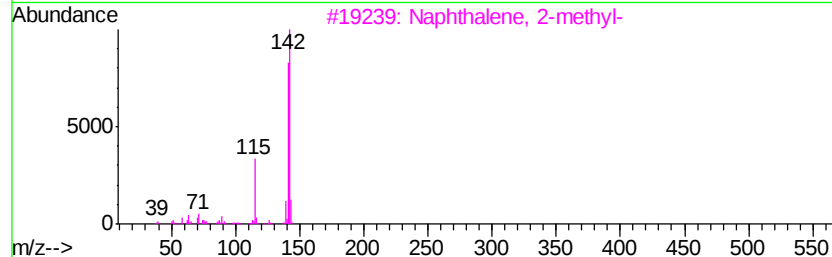
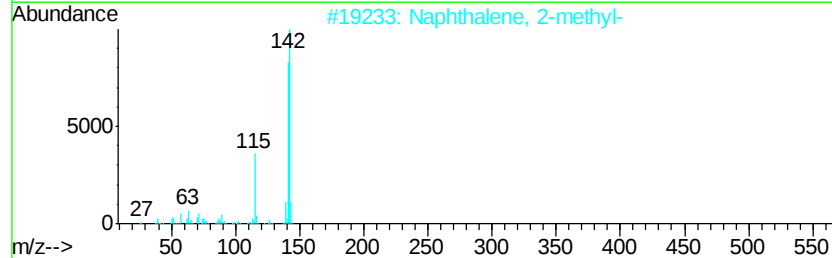
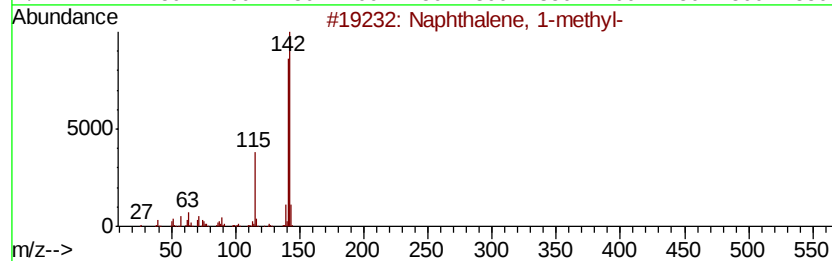
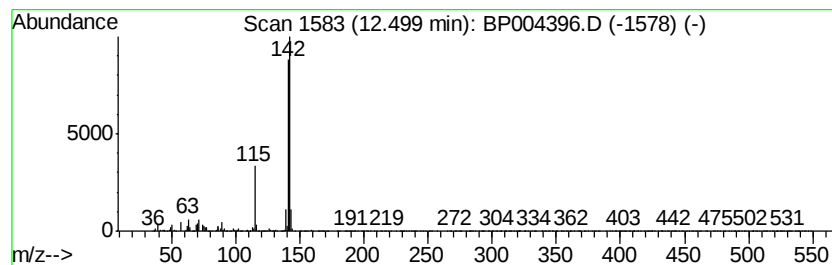
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	2.57 ng/ul	274770	Naphthalene-d8	10.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
4		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91



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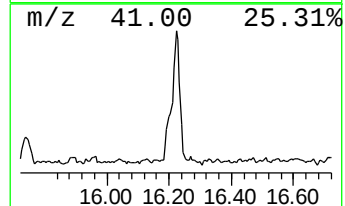
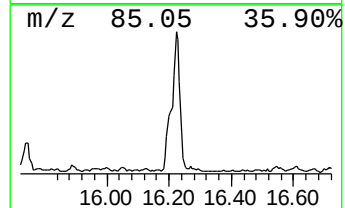
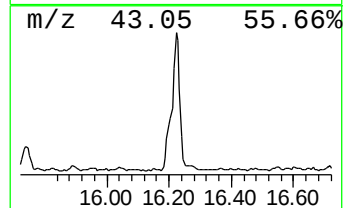
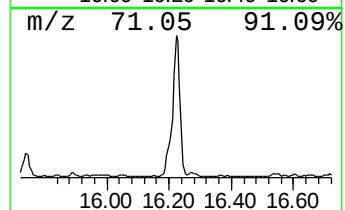
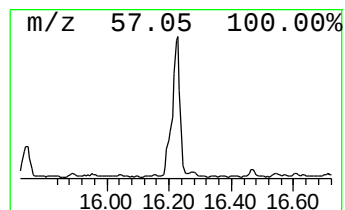
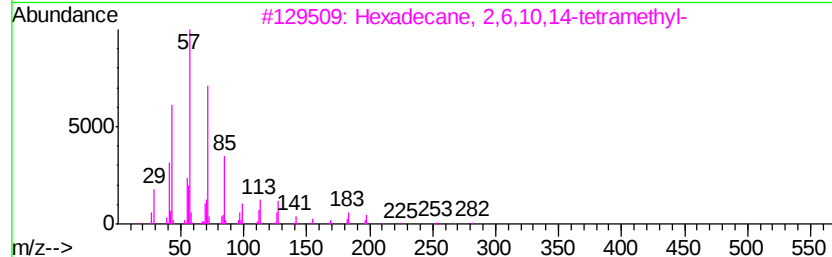
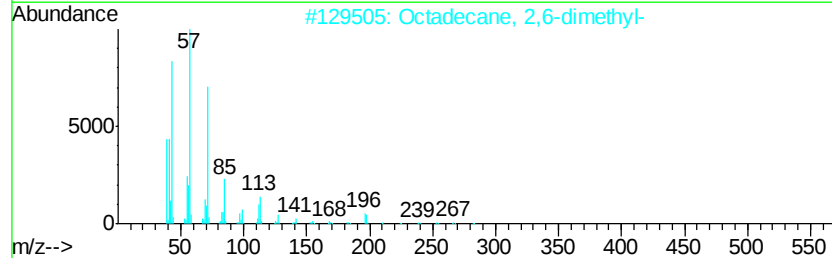
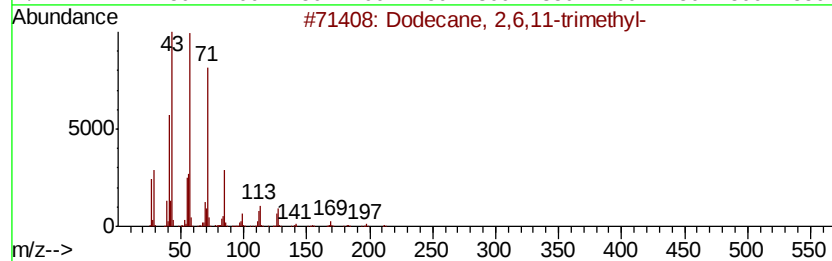
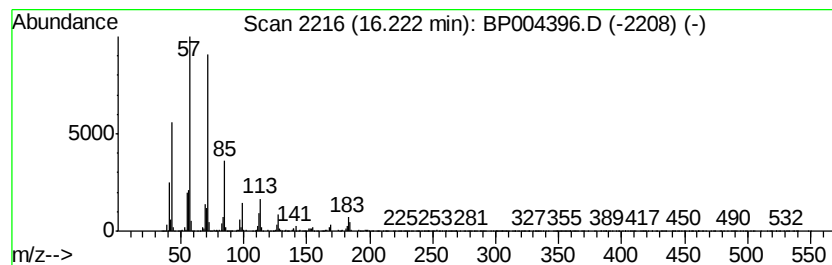
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.22	2.47 ng/ul	404262	Phenanthrene-d10	17.23

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	94
2			Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	90
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
4			Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	90
5			Tridecane, 4-methyl-	198	C14H30	026730-12-1	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004396.D
Acq On : 19 Dec 2020 16:11
Operator : CG/JU
Sample : L5151-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

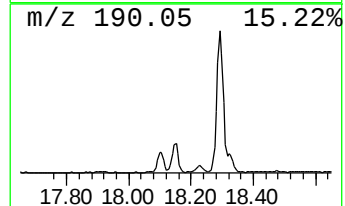
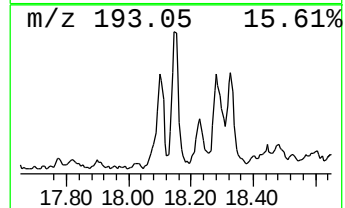
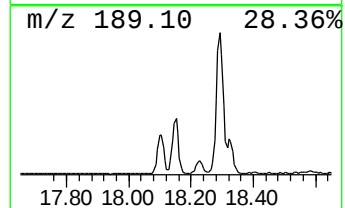
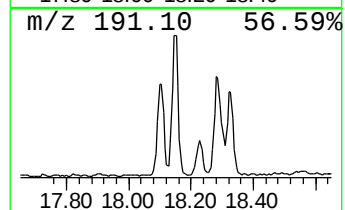
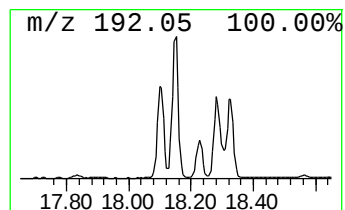
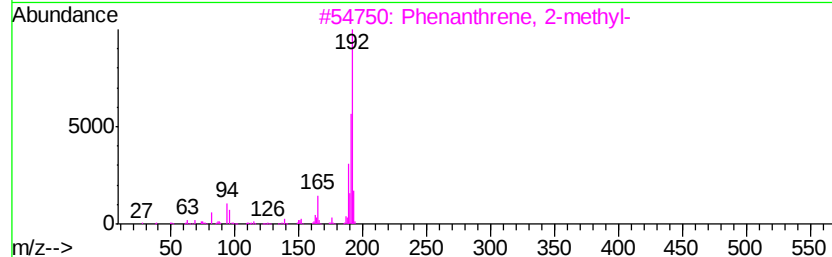
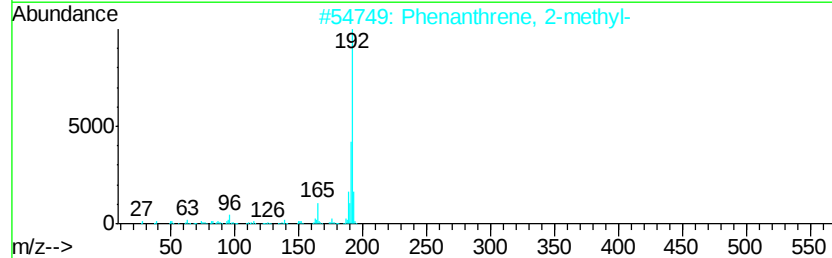
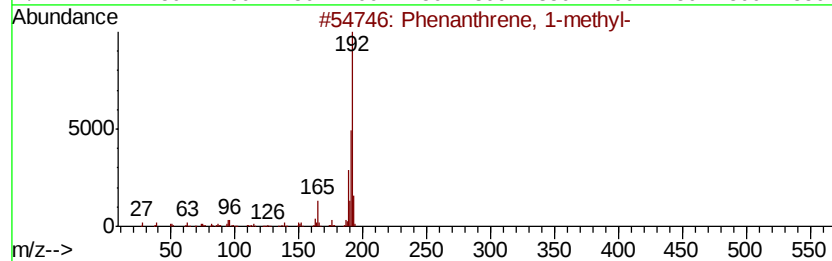
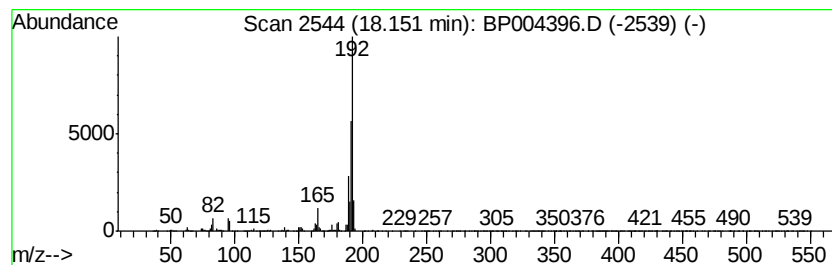
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.		
18.15	2.36 ng/ul	385485	Phenanthrene-d10		17.23		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene,	1-methyl-	192	C15H12	000832-69-9	97	
2	Phenanthrene,	2-methyl-	192	C15H12	002531-84-2	96	
3	Phenanthrene,	2-methyl-	192	C15H12	002531-84-2	95	
4	Phenanthrene,	2-methyl-	192	C15H12	002531-84-2	95	
5	Phenanthrene,	1-methyl-	192	C15H12	000832-69-9	95	



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004396.D
Acq On : 19 Dec 2020 16:11
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Sample : L5151-04
Misc :
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Instrument :
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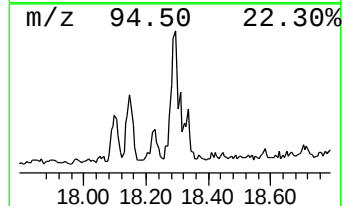
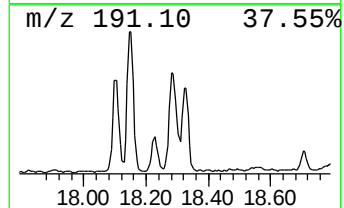
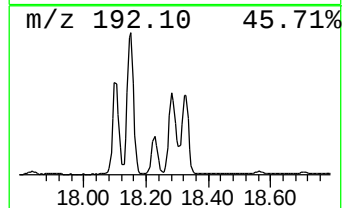
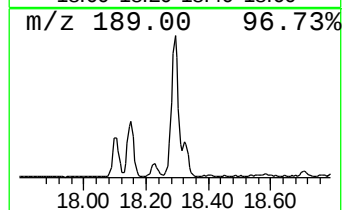
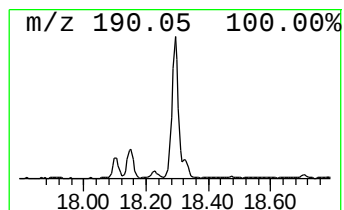
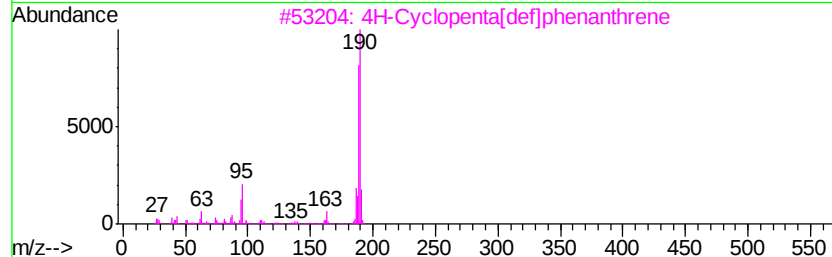
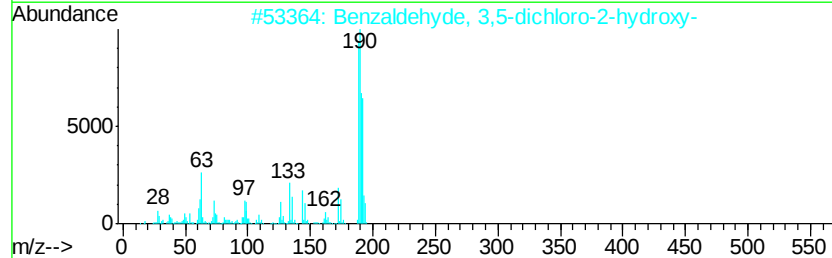
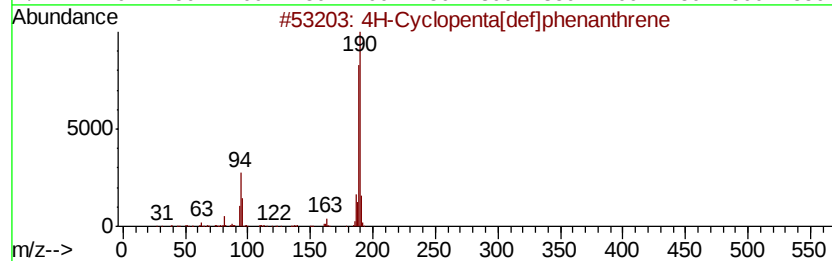
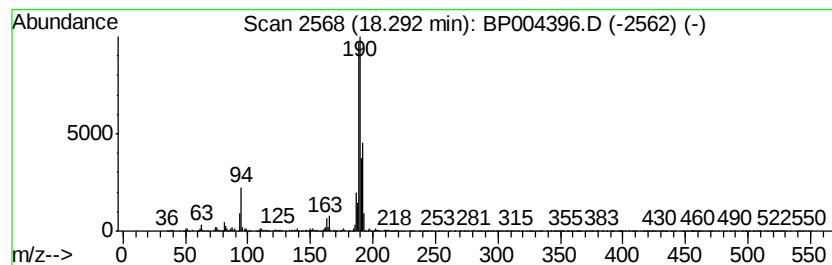
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.29	2.99 ng/ul	489391	Phenanthrene-d10	17.23

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	49
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004396.D
Acq On : 19 Dec 2020 16:11
Operator : CG/JU
Sample : L5151-04
Misc :
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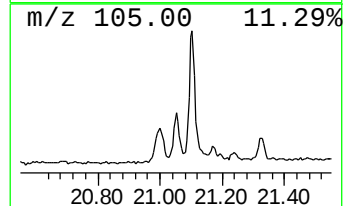
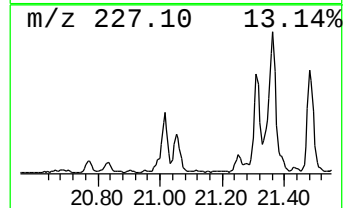
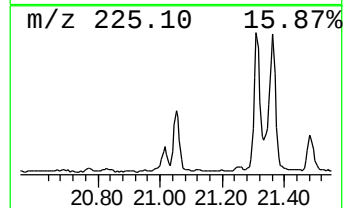
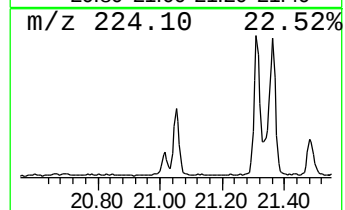
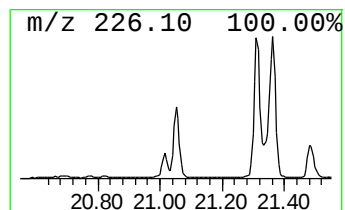
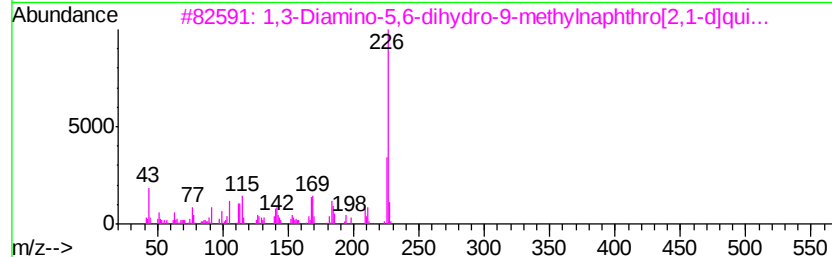
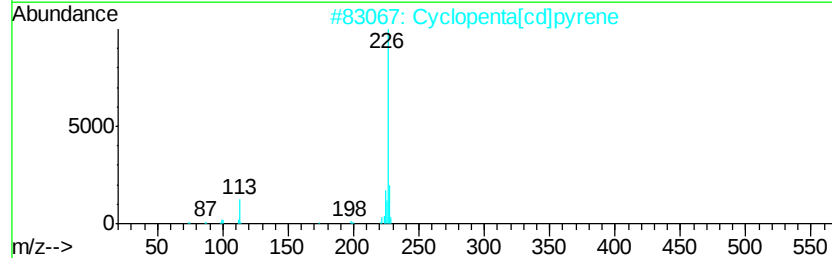
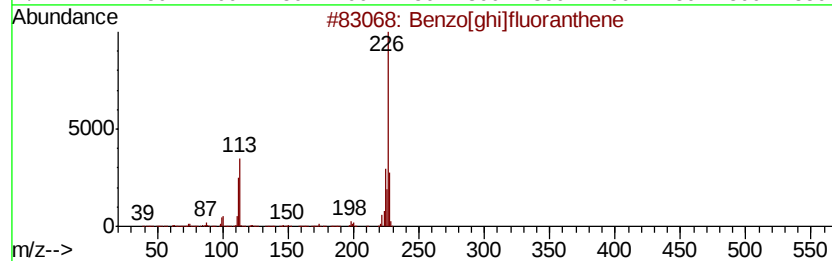
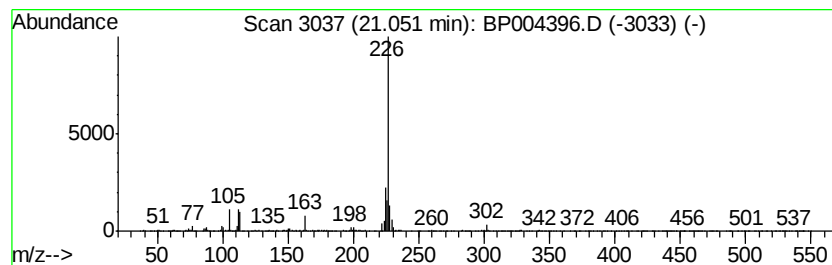
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzo[ghi]fluoranthene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	2.65 ng/ul	964522	Chrysene-d12	21.33
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[ghi]fluoranthene	226 C18H10	000203-12-3	68
2	Cyclopenta[cd]pyrene	226 C18H10	027208-37-3	68
3	1,3-Diamino-5,6-dihydro-9-methyl...	226 C13H14N4	037436-39-8	53
4	9H-Xanthen-9-one, 3-methoxy-	226 C14H10O3	003722-52-9	47
5	1,1,3,3-Tetrachloro-1,3-disilacy...	224 C2H4Cl4Si2	002146-97-6	36



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004396.D
Acq On : 19 Dec 2020 16:11
Operator : CG/JU
Sample : L5151-04
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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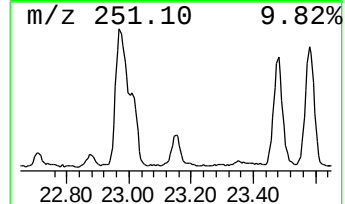
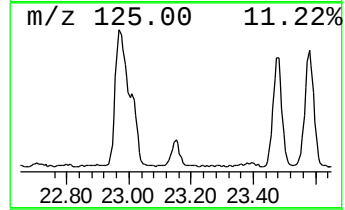
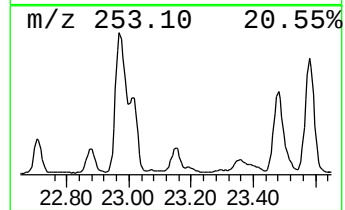
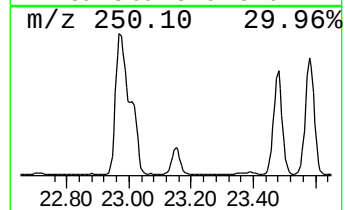
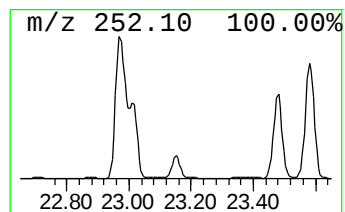
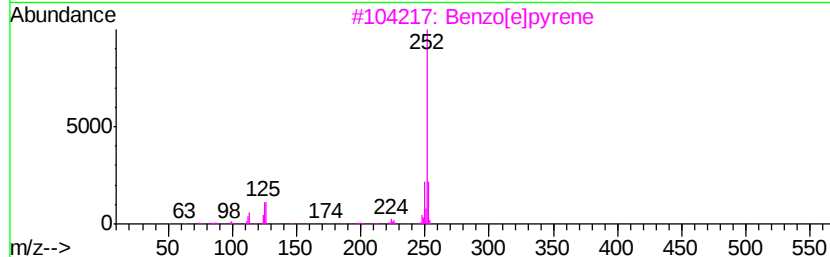
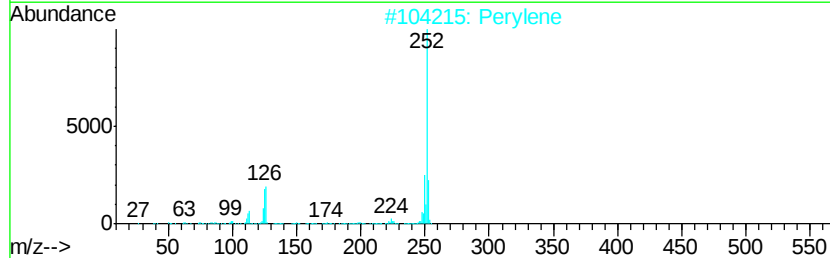
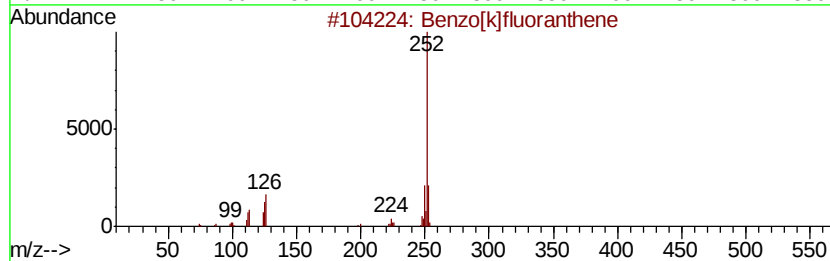
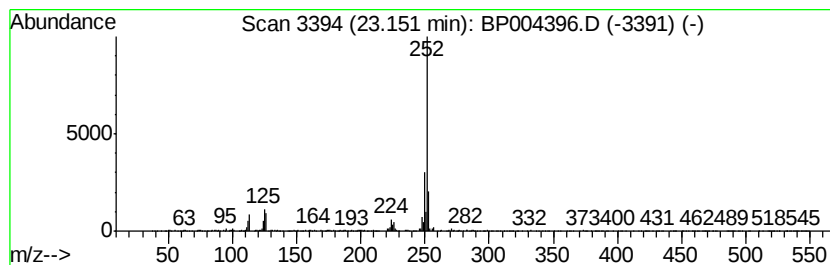
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Perylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.15	3.46 ng/ul	536459	Perylene-d12	23.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2		Perylene	252	C20H12	000198-55-0	93
3		Benzo[e]pyrene	252	C20H12	000192-97-2	93
4		Benzo[a]acephenanthrylene	252	C20H12	000205-99-2	90
5		Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121820\
Data File : BP004396.D
Acq On : 19 Dec 2020 16:11
Operator : CG/JU
Sample : L5151-04
Misc :
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Instrument :
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ClientSampleId :
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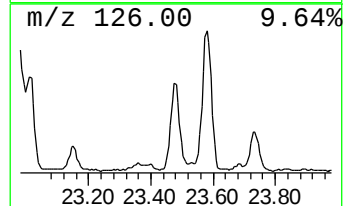
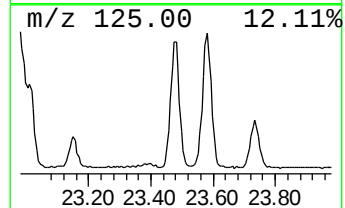
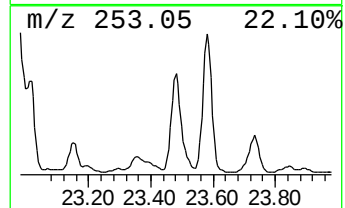
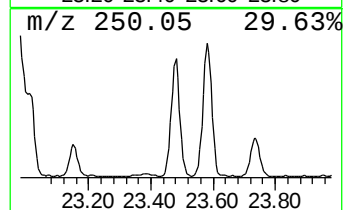
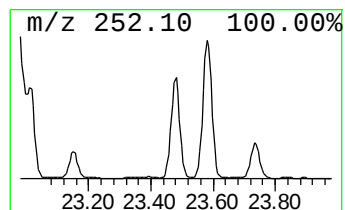
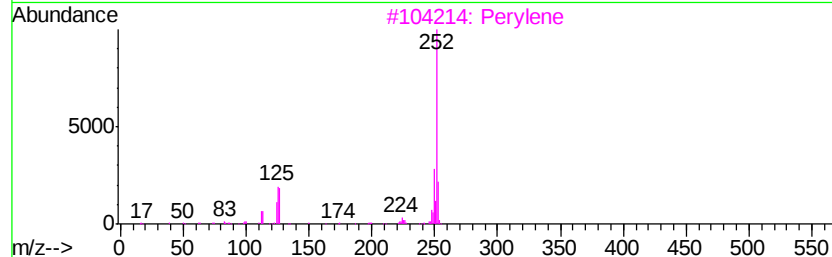
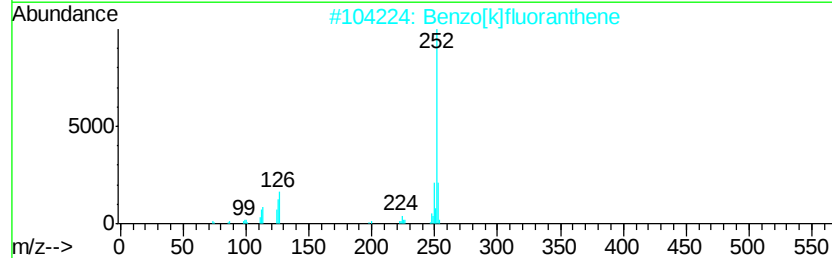
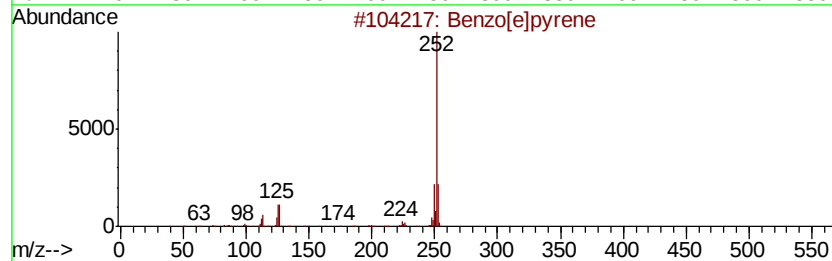
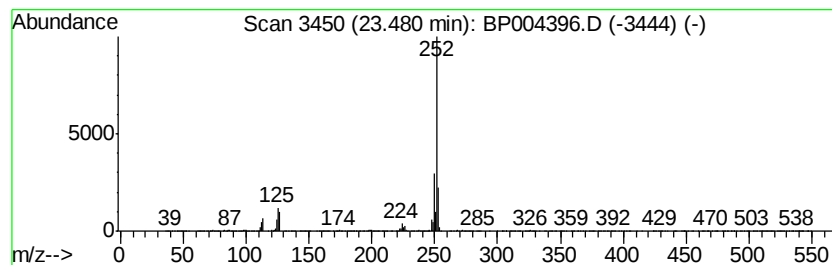
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.48	15.14 ng/ul	2349420	Perylene-d12	23.69

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Perylene	252	C20H12	000198-55-0	94
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
5		Benzo[a]pyrene	252	C20H12	000050-32-8	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP121820\
 Data File : BP004396.D
 Acq On : 19 Dec 2020 16:11
 Operator : CG/JU
 Sample : L5151-04
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP121820MA.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
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Naphthalene, 1-me...	12.50	2.6	ng/ul	274770	2	10.62	2140550	20.0
(DEL) Alkane: Str...	16.22	2.5	ng/ul	404262	4	17.23	3270120	20.0
Phenanthrene, 1-m...	18.15	2.4	ng/ul	385485	4	17.23	3270120	20.0
4H-Cyclopenta[def...	18.29	3.0	ng/ul	489391	4	17.23	3270120	20.0
Benzo[ghi]fluoran...	21.05	2.6	ng/ul	964522	5	21.33	7271430	20.0
Perylene	23.15	3.5	ng/ul	536459	6	23.69	3103960	20.0
Benzo[e]pyrene	23.48	15.1	ng/ul	2349420	6	23.69	3103960	20.0