

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
 Data File : BN005428.D
 Acq On : 02 May 2019 22:29
 Operator : JU/SJ
 Sample : K2456-02MEDL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHQ2MEDL

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_N\METHODS\SOM-EPA-BN041919MA.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	6.775	639	644	652	rBV	82358	146467	2.06%	0.215%
2	6.940	666	672	681	rBV	77714	125834	1.77%	0.185%
3	7.128	699	704	715	rVB	92616	161939	2.28%	0.237%
4	7.593	776	783	796	rBV	935066	1530421	21.50%	2.244%
5	8.299	897	903	911	rVV	85075	161109	2.26%	0.236%
6	8.740	972	978	987	rVB	88154	164158	2.31%	0.241%
7	9.452	1091	1099	1105	rBV2	77687	139911	1.97%	0.205%
8	9.763	1147	1152	1156	rBV2	39634	70960	1.00%	0.104%
9	9.993	1185	1191	1200	rVV	87955	182482	2.56%	0.268%
10	10.352	1241	1252	1256	rBV	1449214	2502559	35.16%	3.670%
11	10.405	1256	1261	1270	rVV	3550861	5928854	83.30%	8.695%
12	10.505	1270	1278	1288	rVV3	119504	346934	4.87%	0.509%
13	11.393	1424	1429	1436	rBV4	34744	62765	0.88%	0.092%
14	11.799	1492	1498	1505	rVV	117509	184687	2.59%	0.271%
15	11.910	1513	1517	1526	rVB	39578	82936	1.17%	0.122%
16	12.022	1526	1536	1547	rBV	4424369	7117414	100.00%	10.438%
17	12.240	1563	1573	1586	rBV	2156836	3643409	51.19%	5.343%
18	13.051	1703	1711	1720	rBV2	406106	693195	9.74%	1.017%
19	13.251	1738	1745	1756	rVB	231173	498873	7.01%	0.732%
20	13.381	1760	1767	1769	rBV	710973	1153987	16.21%	1.692%
21	13.540	1785	1794	1800	rBV	923867	1637115	23.00%	2.401%
22	13.598	1800	1804	1808	rVV	518077	701537	9.86%	1.029%
23	13.640	1808	1811	1814	rVV	209881	261756	3.68%	0.384%
24	13.681	1814	1818	1829	rVB4	184744	366158	5.14%	0.537%
25	13.781	1829	1835	1839	rBV	409445	638662	8.97%	0.937%
26	13.916	1852	1858	1859	rBV	302443	438671	6.16%	0.643%
27	13.945	1859	1863	1873	rVB2	738339	1139199	16.01%	1.671%
28	14.145	1892	1897	1901	rBV	60964	81292	1.14%	0.119%
29	14.222	1901	1910	1917	rVV3	2181129	3730422	52.41%	5.471%
30	14.287	1917	1921	1924	rVV2	143118	229016	3.22%	0.336%
31	14.322	1924	1927	1931	rVV	129759	176201	2.48%	0.258%
32	14.445	1941	1948	1958	rVV2	94684	288856	4.06%	0.424%
33	14.528	1958	1962	1969	rVB3	44564	80221	1.13%	0.118%
34	14.634	1974	1980	1986	rVB	192715	312153	4.39%	0.458%

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35	14.710	1987	1993	2000	rVB	150079	223967	3.15%	0.328%
36	14.845	2008	2016	2022	rBV3	100856	228878	3.22%	0.336%
37	14.904	2022	2026	2038	rVB	127786	201071	2.83%	0.295%
38	15.004	2038	2043	2044	rBV4	46043	61103	0.86%	0.090%
39	15.104	2056	2060	2066	rVB2	90230	123500	1.74%	0.181%
40	15.169	2066	2071	2075	rBV3	43329	78737	1.11%	0.115%
41	15.222	2075	2080	2085	rVB	474544	663986	9.33%	0.974%
42	15.281	2085	2090	2095	rBV	579137	850169	11.94%	1.247%
43	15.369	2101	2105	2108	rBV4	47942	71731	1.01%	0.105%
44	15.504	2123	2128	2135	rVB8	30087	71961	1.01%	0.106%
45	15.575	2135	2140	2148	rVB3	73141	137158	1.93%	0.201%
46	15.734	2158	2167	2176	rVB5	44589	111930	1.57%	0.164%
47	15.969	2200	2207	2217	rBV5	47776	84483	1.19%	0.124%
48	16.287	2247	2261	2266	rVV4	116200	303023	4.26%	0.444%
49	16.339	2266	2270	2276	rVV2	120064	186776	2.62%	0.274%
50	16.439	2281	2287	2292	rVV3	54048	95416	1.34%	0.140%
51	16.639	2316	2321	2328	rVV	156497	257348	3.62%	0.377%
52	16.798	2344	2348	2357	rVB	128723	193813	2.72%	0.284%
53	16.981	2372	2379	2382	rBV	2782788	4106236	57.69%	6.022%
54	17.022	2382	2386	2391	rVV	2452796	3509572	49.31%	5.147%
55	17.075	2391	2395	2400	rVV	339084	455760	6.40%	0.668%
56	17.504	2464	2468	2473	rBV	73751	96464	1.36%	0.141%
57	17.563	2473	2478	2488	rVB3	93949	171752	2.41%	0.252%
58	17.675	2491	2497	2499	rBV3	47881	77681	1.09%	0.114%
59	17.704	2499	2502	2509	rVB	41297	78500	1.10%	0.115%
60	17.781	2509	2515	2521	rBV4	33307	63118	0.89%	0.093%
61	17.857	2521	2528	2532	rBV	523629	730839	10.27%	1.072%
62	17.904	2532	2536	2545	rVV	559261	824502	11.58%	1.209%
63	18.051	2555	2561	2565	rVV2	416457	713560	10.03%	1.046%
64	18.092	2565	2568	2576	rVB	261960	350457	4.92%	0.514%
65	18.369	2610	2615	2618	rVV	235524	332268	4.67%	0.487%
66	18.410	2618	2622	2632	rVB	253091	398688	5.60%	0.585%
67	18.616	2653	2657	2662	rBV3	54172	77553	1.09%	0.114%
68	18.669	2662	2666	2670	rVB2	58750	75823	1.07%	0.111%
69	18.792	2680	2687	2691	rBV2	130159	234053	3.29%	0.343%
70	18.845	2691	2696	2700	rVV4	74627	154671	2.17%	0.227%
71	18.881	2700	2702	2706	rVB2	52058	56407	0.79%	0.083%

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72	18.928	2706	2710	2720	rBV2	87024	169835	2.39%	0.249%
73	19.051	2723	2731	2739	rBV	675101	990793	13.92%	1.453%
74	19.128	2740	2744	2747	rBV	52372	69586	0.98%	0.102%
75	19.204	2753	2757	2761	rVB	151669	191523	2.69%	0.281%
76	19.263	2763	2767	2772	rVB4	71525	97230	1.37%	0.143%
77	19.386	2783	2788	2790	rBV	517897	710750	9.99%	1.042%
78	19.416	2790	2793	2804	rVV	975580	1445318	20.31%	2.120%
79	19.510	2804	2809	2814	rVB9	38270	67750	0.95%	0.099%
80	19.757	2846	2851	2857	rBV2	84486	180664	2.54%	0.265%
81	19.892	2870	2874	2877	rVV5	82609	150882	2.12%	0.221%
82	19.922	2877	2879	2885	rVB2	110176	146921	2.06%	0.215%
83	20.028	2893	2897	2903	rBV2	62307	83231	1.17%	0.122%
84	20.086	2903	2907	2912	rVB	106717	144190	2.03%	0.211%
85	20.228	2926	2931	2935	rBV	76318	111101	1.56%	0.163%
86	20.269	2935	2938	2944	rVB	100026	143052	2.01%	0.210%
87	20.680	3005	3008	3014	rVB	71118	102700	1.44%	0.151%
88	20.845	3032	3036	3039	rBV3	43723	67944	0.95%	0.100%
89	20.886	3040	3043	3046	rVV	67850	83864	1.18%	0.123%
90	20.986	3057	3060	3068	rVB	85245	137036	1.93%	0.201%
91	21.204	3090	3097	3102	rBV	3334873	4948675	69.53%	7.257%
92	21.239	3102	3103	3112	rVB	320935	384545	5.40%	0.564%
93	21.386	3125	3128	3131	rBV	61210	68799	0.97%	0.101%
94	21.816	3198	3201	3207	rVB3	106424	142989	2.01%	0.210%
95	22.274	3276	3279	3287	rVB2	142171	191638	2.69%	0.281%
96	22.769	3357	3363	3373	rVB3	263146	611700	8.59%	0.897%
97	23.263	3443	3447	3453	rBV2	255610	455615	6.40%	0.668%
98	23.321	3453	3457	3463	rVB2	211521	350167	4.92%	0.514%
99	23.404	3464	3471	3490	rBV	2141586	4176706	58.68%	6.125%
100	23.951	3560	3564	3575	rVB4	163649	331271	4.65%	0.486%

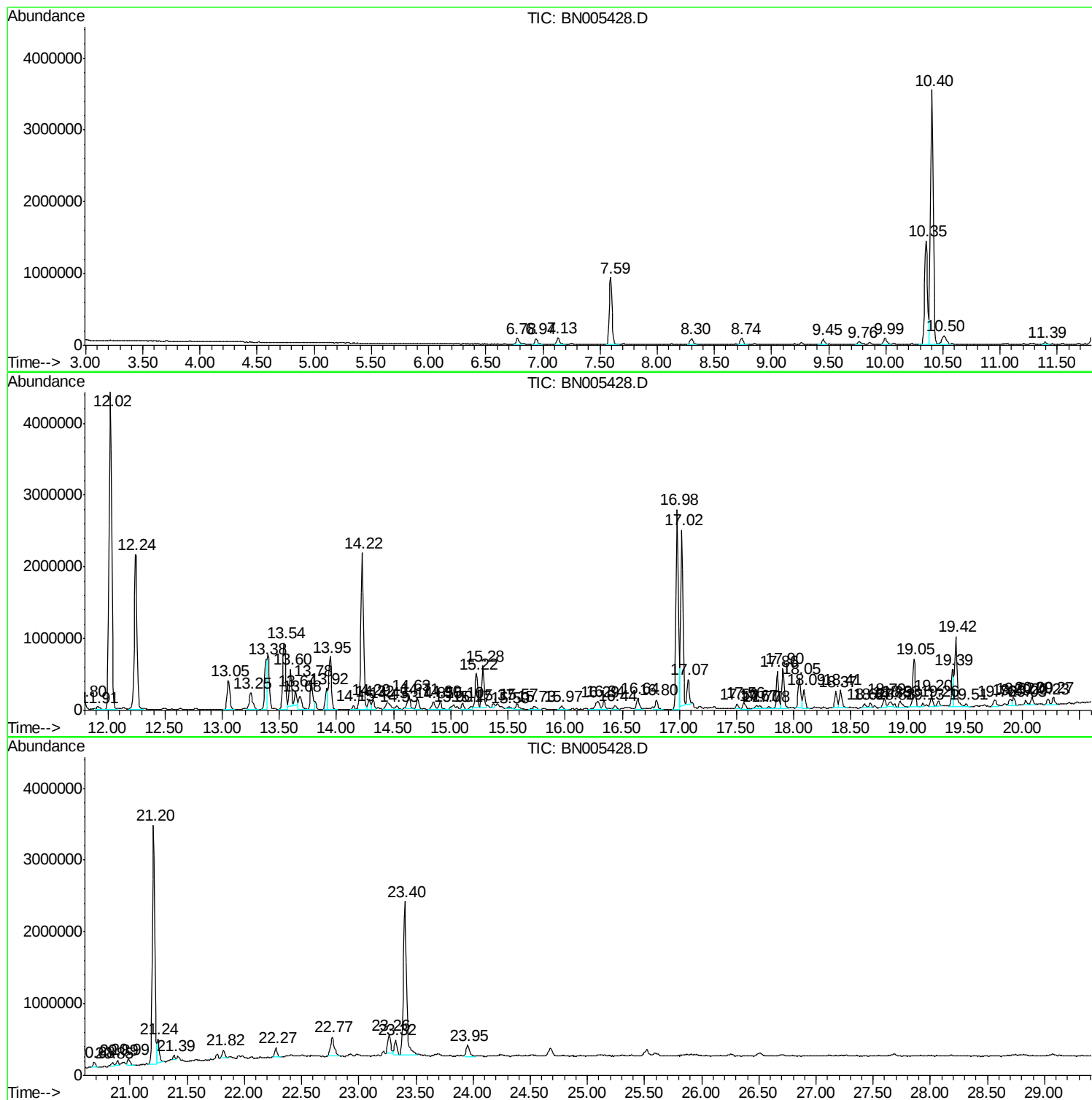
Sum of corrected areas: 68189582

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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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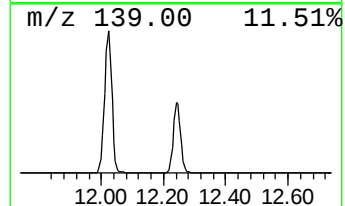
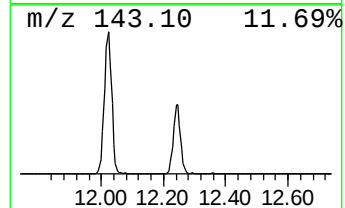
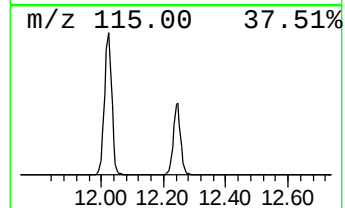
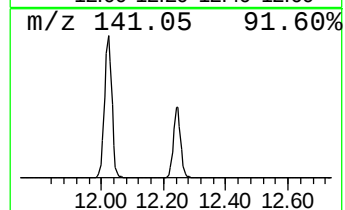
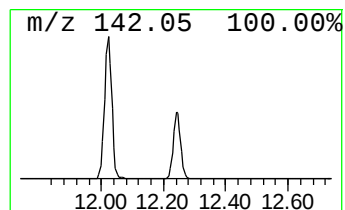
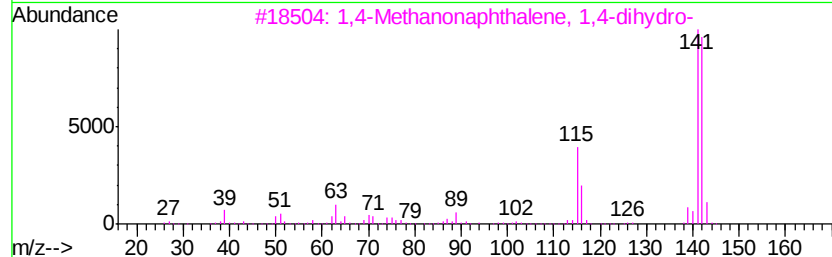
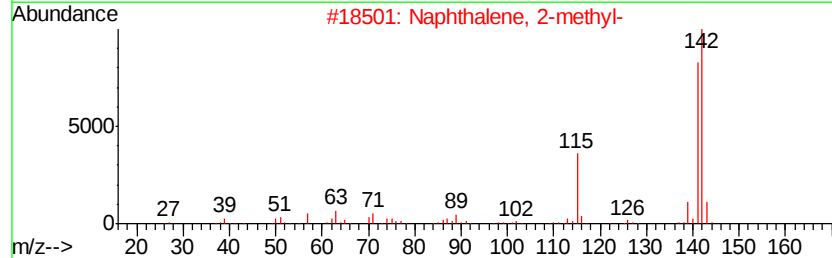
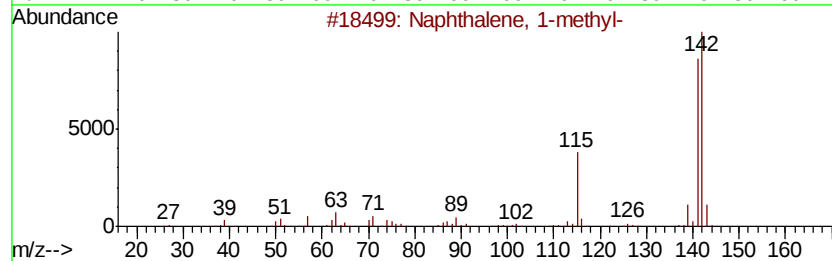
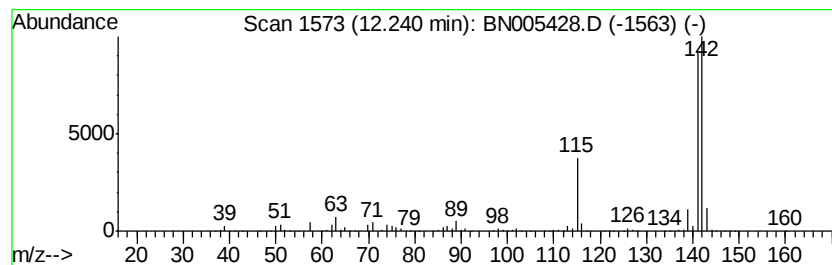
Instrument :
BNA_N
ClientSampleId :
GAHQ2MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	29.12 ng/ul	3643410	Naphthalene-d8	10.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 96
2		Naphthalene, 2-methyl-	142 C11H10	000091-57-6 96
3		1,4-Methanonaphthalene, 1,4-dihv...	142 C11H10	004453-90-1 94
4		Naphthalene, 1-methyl-	142 C11H10	000090-12-0 94
5		Benzocycloheptatriene	142 C11H10	000264-09-5 91



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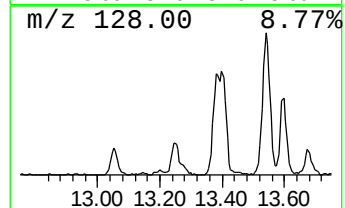
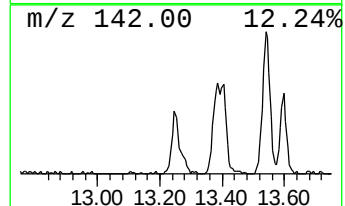
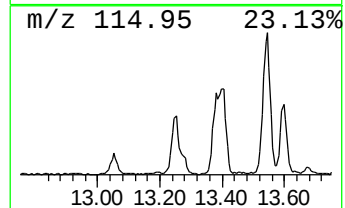
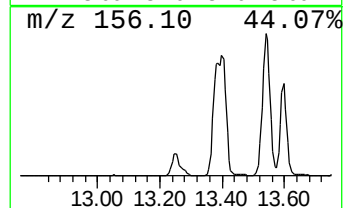
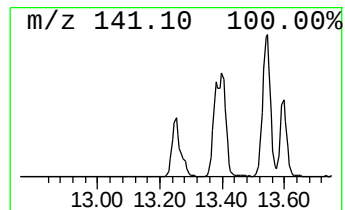
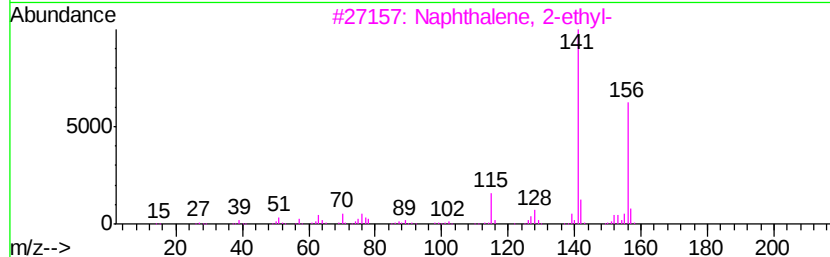
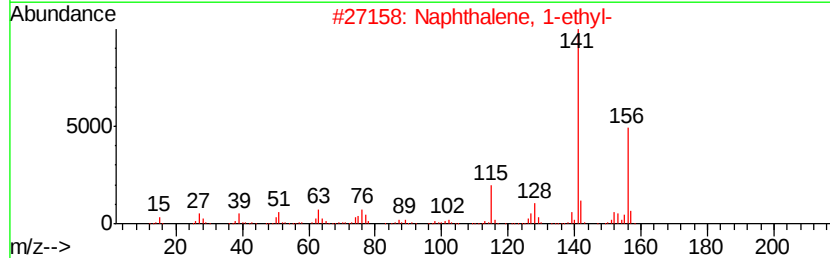
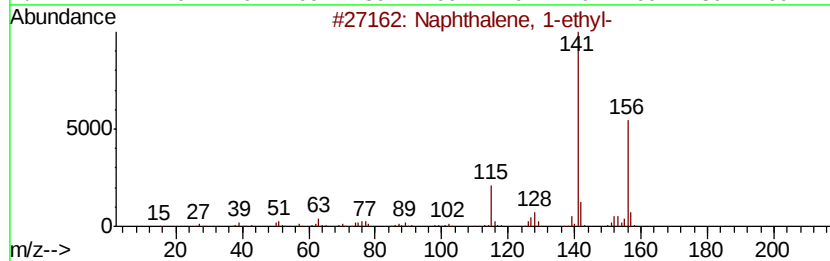
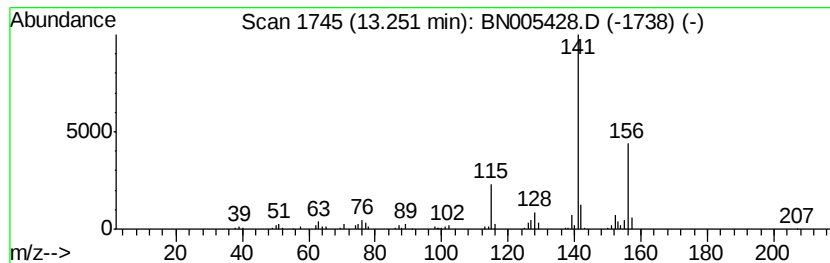
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	2.67 ng/ul	498873	Acenaphthene-d10	14.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 97
2		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
3		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95
4		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94
5		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 94



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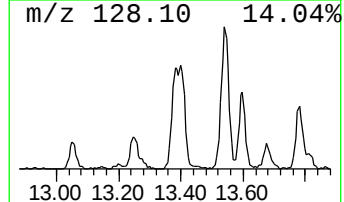
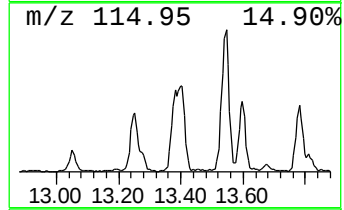
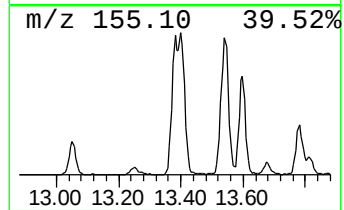
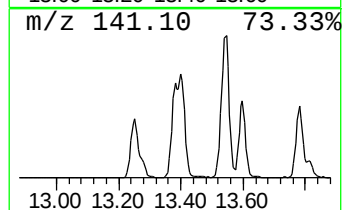
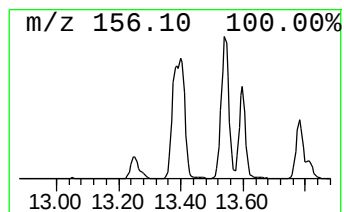
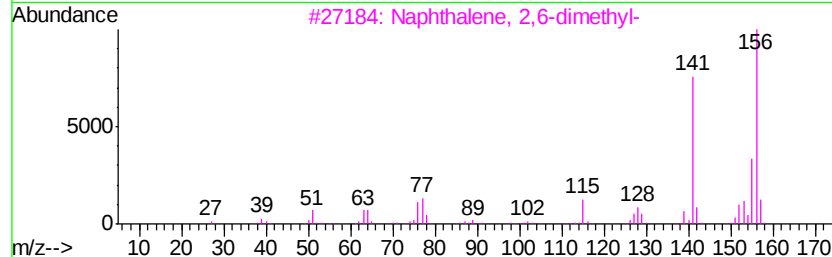
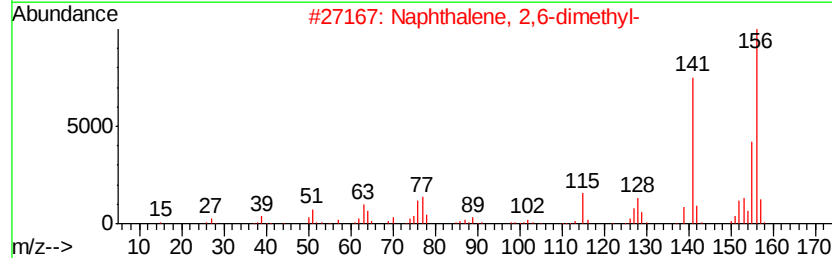
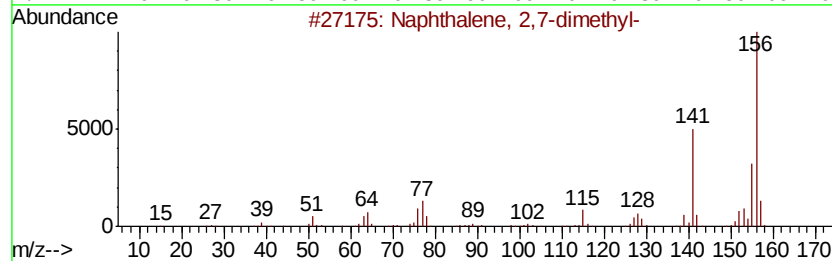
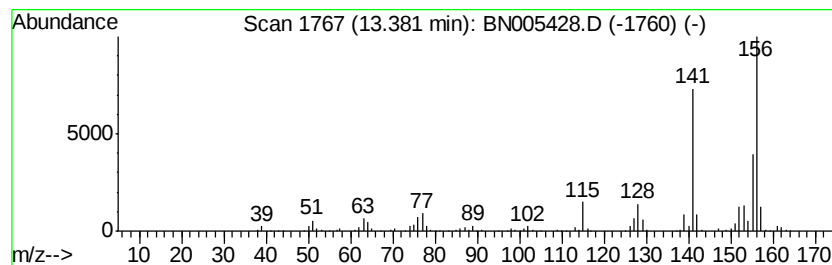
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 2,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.38	6.19 ng/ul	1153990	Acenaphthene-d10	14.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
3		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 96
5		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005428.D
Acq On : 02 May 2019 22:29
Operator : JU/SJ
Sample : K2456-02MEDL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ2MEDL

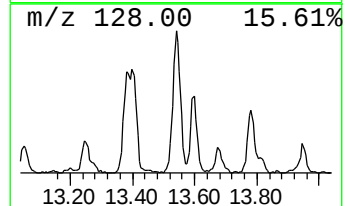
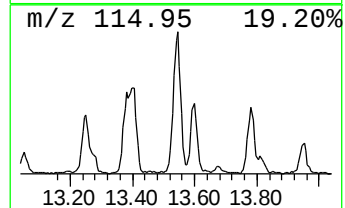
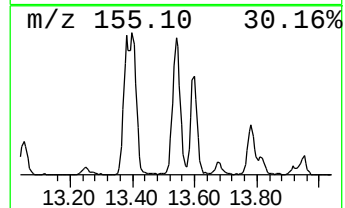
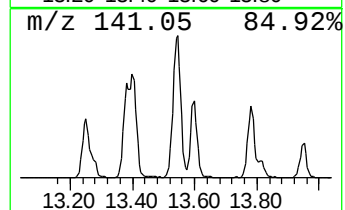
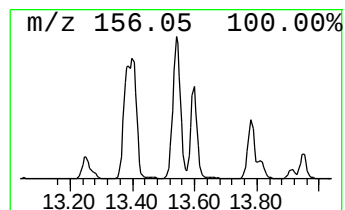
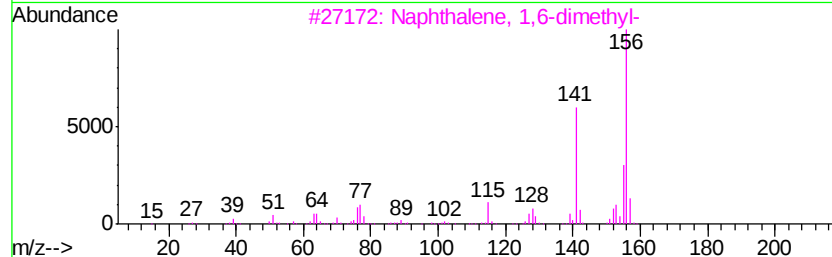
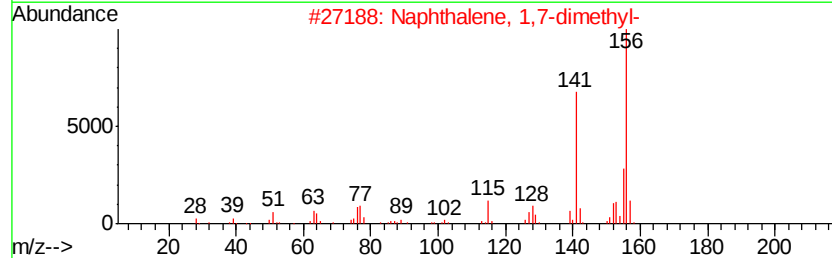
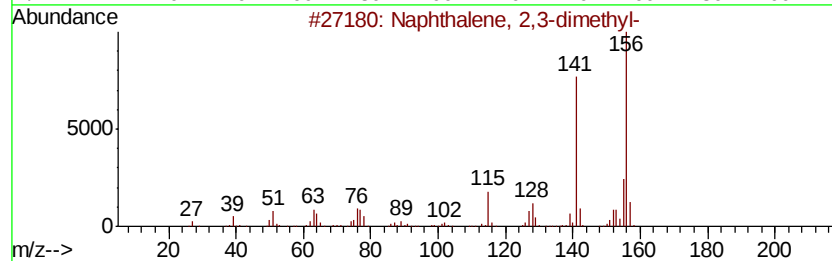
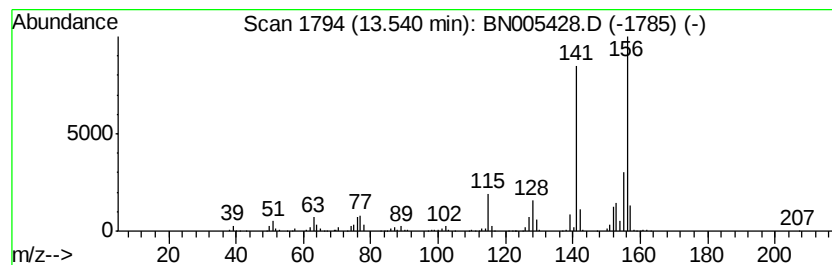
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	8.78 ng/ul	1637120	Acenaphthene-d10	14.22

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005428.D
Acq On : 02 May 2019 22:29
Operator : JU/SJ
Sample : K2456-02MEDL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ2MEDL

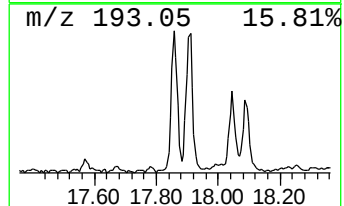
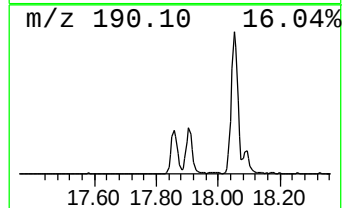
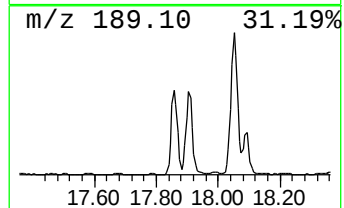
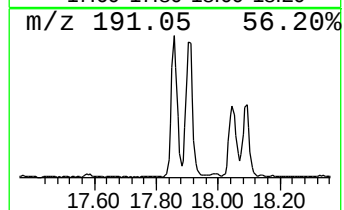
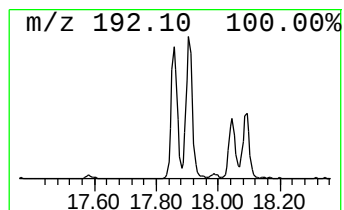
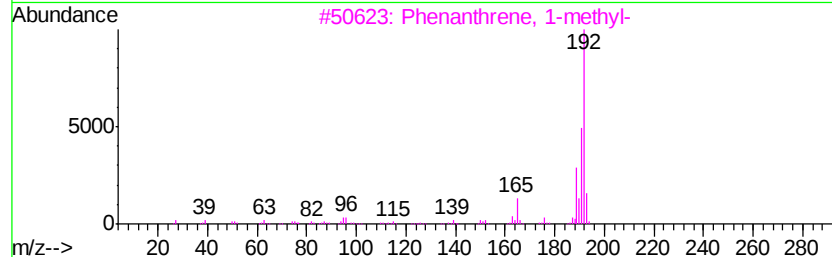
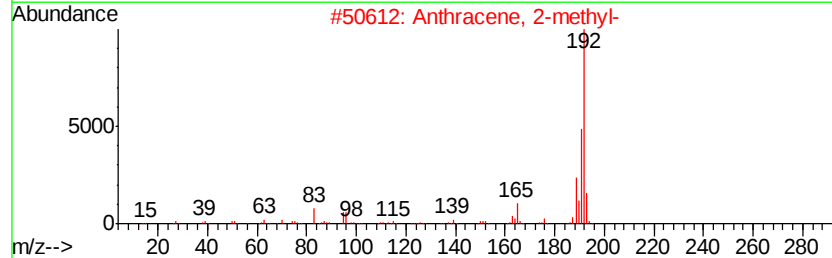
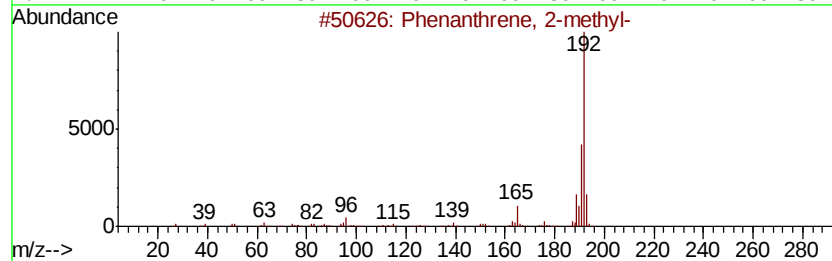
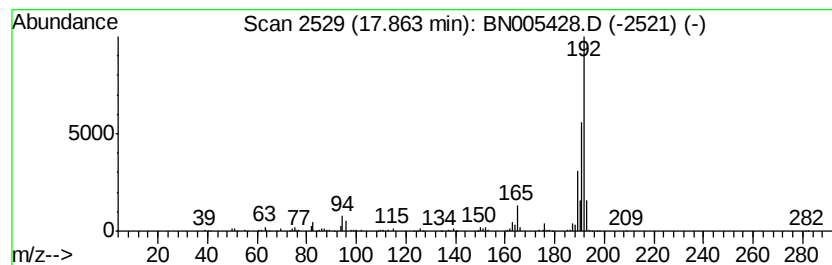
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	3.56 ng/ul	730839	Phenanthrene-d10	16.98

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5		1H-Cyclopropa[1]phenanthrene, 1a,...	192	C15H12	000949-41-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
Data File : BN005428.D
Acq On : 02 May 2019 22:29
Operator : JU/SJ
Sample : K2456-02MEDL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

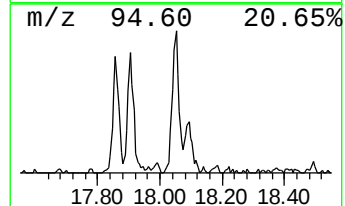
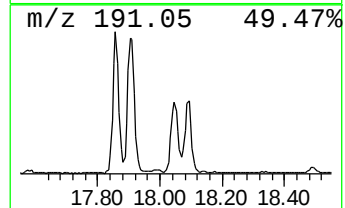
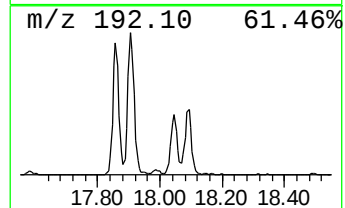
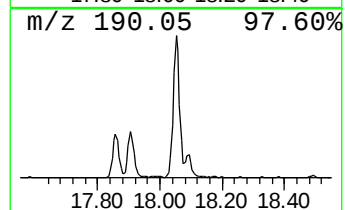
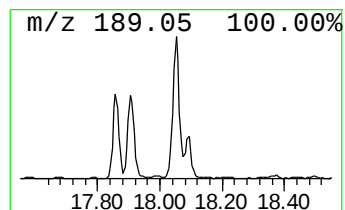
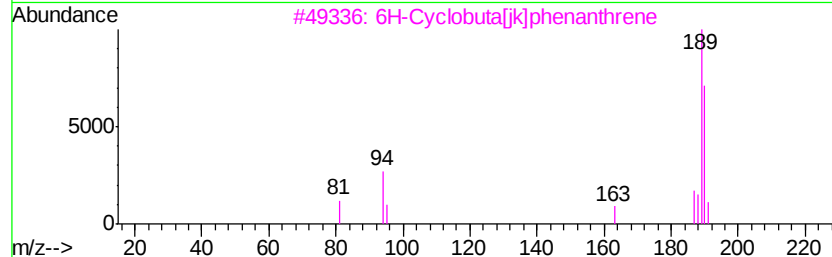
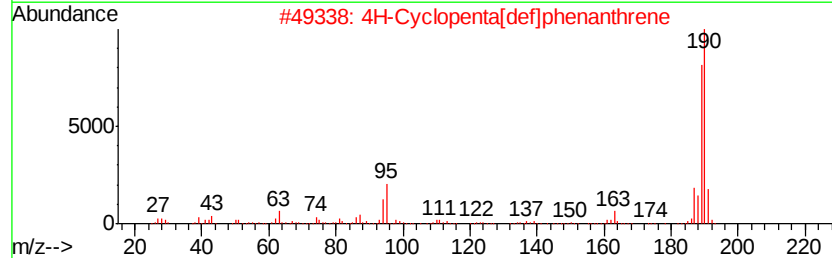
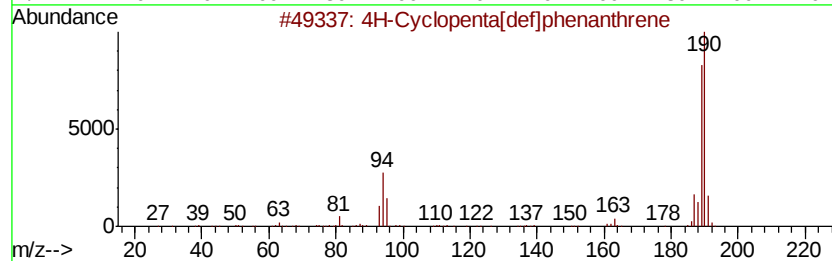
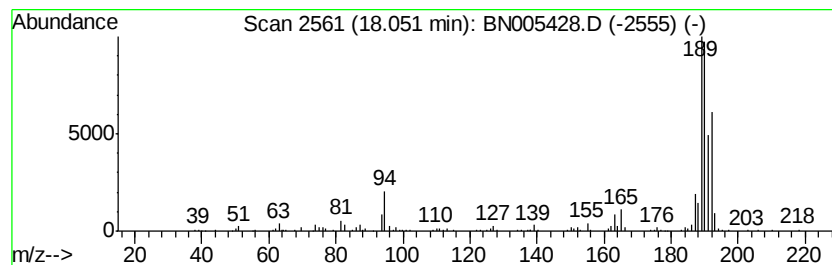
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.05	3.48 ng/ul	713560	Phenanthrene-d10	16.98	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	52
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050219\
Data File : BN005428.D
Acq On : 02 May 2019 22:29
Operator : JU/SJ
Sample : K2456-02MEDL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHQ2MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1-me...	12.24	29.1	ng/ul	3643410	2	10.35	2502560	20.0
Naphthalene, 1-et...	13.25	2.7	ng/ul	498873	3	14.22	3730420	20.0
Naphthalene, 2,7-...	13.38	6.2	ng/ul	1153990	3	14.22	3730420	20.0
Naphthalene, 2,3-...	13.54	8.8	ng/ul	1637120	3	14.22	3730420	20.0
Phenanthrene, 2-m...	17.86	3.6	ng/ul	730839	4	16.98	4106240	20.0
4H-Cyclopenta[def...	18.05	3.5	ng/ul	713560	4	16.98	4106240	20.0