

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
 Data File : BN005992.D
 Acq On : 31 May 2019 22:20
 Operator : JU/SJ
 Sample : K2928-11
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A42C5

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-BN052819MA.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	3.266	15	19	26	rVB	75715	123536	1.82%	0.116%
2	3.677	85	89	93	rVB	42470	57576	0.85%	0.054%
3	3.766	100	104	110	rBV	225433	298397	4.40%	0.281%
4	3.889	119	125	132	rVB	133666	205041	3.02%	0.193%
5	3.983	137	141	146	rVB2	25707	37436	0.55%	0.035%
6	4.524	228	233	237	rVB	41808	60775	0.90%	0.057%
7	4.872	287	292	298	rVB	158770	224592	3.31%	0.211%
8	4.966	304	308	314	rVB2	50314	73260	1.08%	0.069%
9	5.836	453	456	463	rVB	22863	33985	0.50%	0.032%
10	6.142	503	508	513	rBV	24753	38681	0.57%	0.036%
11	6.613	584	588	595	rBV2	39852	60896	0.90%	0.057%
12	6.918	629	640	651	rBV	1176063	1977300	29.14%	1.859%
13	7.077	656	667	680	rBV	1029121	1624262	23.94%	1.527%
14	7.277	695	701	709	rVB	1276838	1981722	29.21%	1.863%
15	7.742	773	780	788	rBV	2053799	3257093	48.00%	3.062%
16	8.454	894	901	908	rBV	1142927	1823056	26.87%	1.714%
17	8.565	916	920	927	rVV	32787	51647	0.76%	0.049%
18	8.901	970	977	985	rVV	1165317	1893873	27.91%	1.781%
19	9.312	1039	1047	1054	rBV	26779	47919	0.71%	0.045%
20	9.618	1091	1099	1106	rBV	885092	1481157	21.83%	1.393%
21	10.159	1183	1191	1202	rVB	1319409	2246405	33.11%	2.112%
22	10.536	1247	1255	1261	rBV	2612490	4386152	64.64%	4.124%
23	10.589	1261	1264	1269	rVV	190700	283053	4.17%	0.266%
24	10.671	1272	1278	1292	rVB	783952	1432123	21.11%	1.347%
25	11.371	1393	1397	1402	rVB2	20434	35663	0.53%	0.034%
26	12.130	1523	1526	1531	rVB2	24997	39677	0.58%	0.037%
27	12.206	1531	1539	1545	rBV	137289	217873	3.21%	0.205%
28	12.430	1566	1577	1583	rVV	100642	164205	2.42%	0.154%
29	13.230	1706	1713	1719	rVV3	62848	106787	1.57%	0.100%
30	13.424	1742	1746	1755	rVB	39083	67540	1.00%	0.064%
31	13.559	1762	1769	1770	rBV	51222	66195	0.98%	0.062%
32	13.577	1770	1772	1778	rVB3	53753	69504	1.02%	0.065%
33	13.724	1791	1797	1801	rVV	99375	167469	2.47%	0.157%
34	13.812	1806	1812	1816	rVV	2149300	3014419	44.43%	2.834%

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35	13.859	1816	1820	1827	rVV	772557	1064202	15.68%	1.001%
36	13.959	1833	1837	1840	rVV	53709	80197	1.18%	0.075%
37	14.095	1854	1860	1871	rVB	2366232	3595681	52.99%	3.381%
38	14.406	1902	1913	1919	rBV2	3178372	4790304	70.60%	4.504%
39	14.465	1919	1923	1931	rVB	432332	646890	9.53%	0.608%
40	14.536	1931	1935	1942	rVB	37211	55924	0.82%	0.053%
41	14.618	1942	1949	1958	rBV	611895	974036	14.36%	0.916%
42	14.712	1958	1965	1969	rVV3	50197	102455	1.51%	0.096%
43	14.759	1969	1973	1976	rVV3	67168	108409	1.60%	0.102%
44	14.806	1976	1981	1988	rVB	321690	558045	8.22%	0.525%
45	14.883	1988	1994	1997	rBV	49922	67421	0.99%	0.063%
46	15.024	2009	2018	2023	rBV3	46308	89566	1.32%	0.084%
47	15.077	2023	2027	2031	rVV2	52723	69275	1.02%	0.065%
48	15.200	2039	2048	2051	rBV3	59713	125543	1.85%	0.118%
49	15.230	2051	2053	2056	rVV3	37963	48669	0.72%	0.046%
50	15.400	2075	2082	2087	rVV	2847781	4005646	59.04%	3.766%
51	15.459	2087	2092	2096	rVV	455258	681172	10.04%	0.640%
52	15.536	2100	2105	2110	rVV2	120055	217392	3.20%	0.204%
53	15.583	2110	2113	2116	rVV	75317	106591	1.57%	0.100%
54	15.618	2116	2119	2124	rVV3	93485	174120	2.57%	0.164%
55	15.665	2125	2127	2131	rVV3	45309	66419	0.98%	0.062%
56	15.706	2131	2134	2137	rVV2	48457	70611	1.04%	0.066%
57	15.753	2137	2142	2150	rVB	134481	230444	3.40%	0.217%
58	15.836	2150	2156	2159	rBV8	16228	36859	0.54%	0.035%
59	15.900	2162	2167	2174	rVB	130474	269773	3.98%	0.254%
60	15.994	2174	2183	2188	rVB4	43047	117691	1.73%	0.111%
61	16.136	2202	2207	2213	rVB4	71349	129525	1.91%	0.122%
62	16.441	2252	2259	2260	rBV4	68018	119007	1.75%	0.112%
63	16.465	2260	2263	2267	rVV2	103505	160416	2.36%	0.151%
64	16.512	2267	2271	2276	rVV2	76255	124884	1.84%	0.117%
65	16.565	2276	2280	2283	rVV6	33813	56615	0.83%	0.053%
66	16.618	2286	2289	2294	rVB	50576	68470	1.01%	0.064%
67	16.694	2299	2302	2305	rVV2	58526	75698	1.12%	0.071%
68	16.736	2305	2309	2312	rVB2	64816	89591	1.32%	0.084%
69	16.812	2317	2322	2329	rVB	166230	262439	3.87%	0.247%
70	16.912	2330	2339	2343	rBV3	145839	334808	4.93%	0.315%
71	16.977	2346	2350	2361	rVB	268330	416849	6.14%	0.392%

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72	17.159	2375	2381	2385	rBV2	3311817	4849020	71.46%	4.559%
73	17.200	2385	2388	2393	rVV	3749763	5246226	77.32%	4.933%
74	17.259	2393	2398	2402	rVV2	2459187	3736493	55.07%	3.513%
75	17.294	2402	2404	2409	rVV	815888	906963	13.37%	0.853%
76	17.347	2409	2413	2419	rVB3	108900	176545	2.60%	0.166%
77	17.565	2441	2450	2455	rBV2	402910	714338	10.53%	0.672%
78	17.677	2467	2469	2472	rBV	38068	43027	0.63%	0.040%
79	17.741	2477	2480	2484	rVB2	79391	93393	1.38%	0.088%
80	18.041	2526	2531	2535	rBV	420433	773506	11.40%	0.727%
81	18.088	2535	2539	2544	rVB	641636	921473	13.58%	0.866%
82	18.165	2548	2552	2557	rVB	198395	274712	4.05%	0.258%
83	18.236	2558	2564	2568	rBV2	603584	1112157	16.39%	1.046%
84	18.271	2568	2570	2577	rVB	327024	369113	5.44%	0.347%
85	18.388	2587	2590	2594	rBV3	162546	233468	3.44%	0.220%
86	18.541	2612	2616	2620	rBV	329792	427447	6.30%	0.402%
87	18.583	2620	2623	2628	rVB	249475	348995	5.14%	0.328%
88	18.788	2656	2658	2662	rVB	89152	101893	1.50%	0.096%
89	18.965	2684	2688	2694	rBV	223523	413423	6.09%	0.389%
90	19.230	2728	2733	2739	rVB	3888657	5158568	76.03%	4.850%
91	19.565	2785	2790	2793	rBV3	3229617	4972780	73.29%	4.676%
92	19.594	2793	2795	2803	rVB	2980336	3662711	53.98%	3.444%
93	20.194	2894	2897	2901	rBV	602710	1169786	17.24%	1.100%
94	21.077	3045	3047	3055	rVB4	1053159	1489165	21.95%	1.400%
95	21.371	3091	3097	3101	rBV2	3763243	6785175	100.00%	6.380%
96	21.412	3101	3104	3113	rVB	1530530	1967571	29.00%	1.850%
97	21.988	3199	3202	3211	rVB2	1735962	2272889	33.50%	2.137%
98	22.971	3365	3369	3374	rBV3	1760567	3558411	52.44%	3.346%
99	23.529	3460	3464	3468	rBV2	1477161	2685784	39.58%	2.525%
100	23.676	3484	3489	3495	rVB	2274093	4051501	59.71%	3.809%

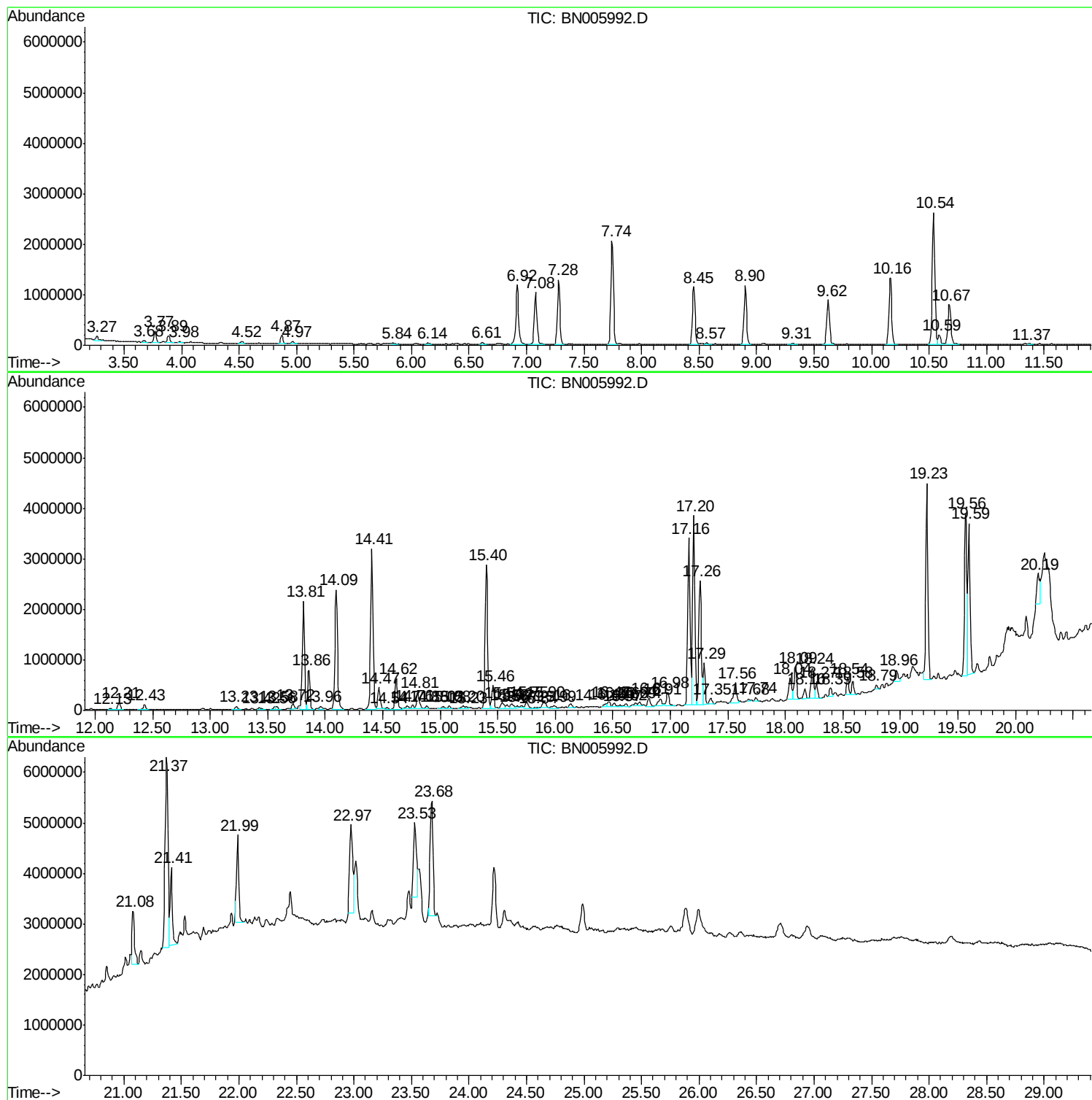
Sum of corrected areas: 106357439

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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



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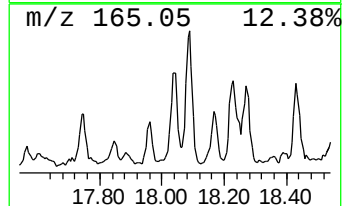
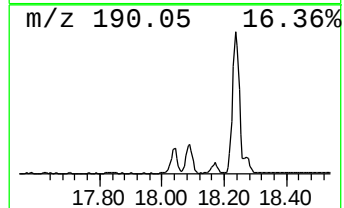
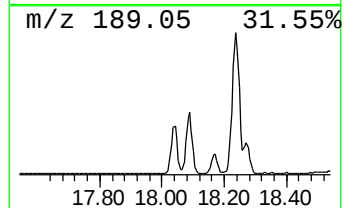
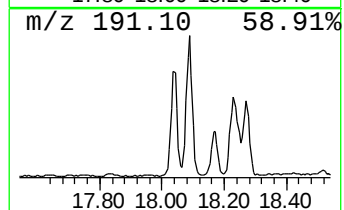
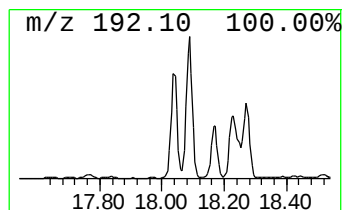
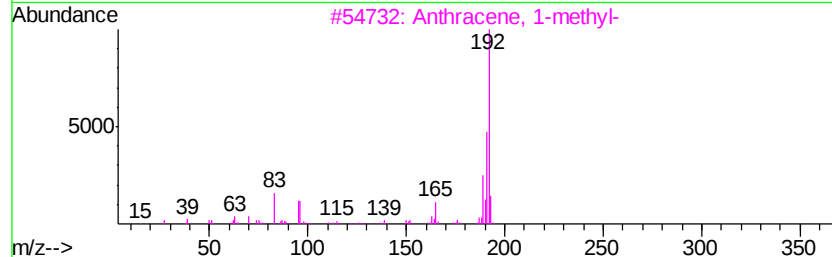
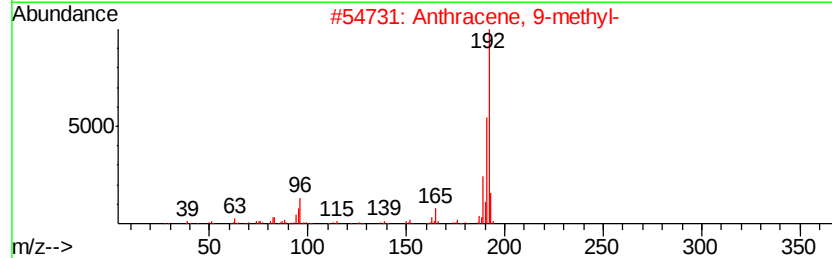
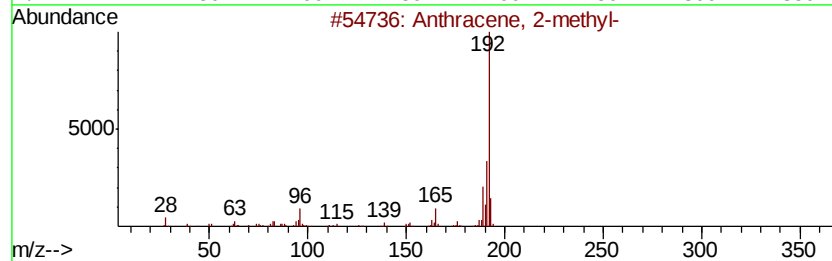
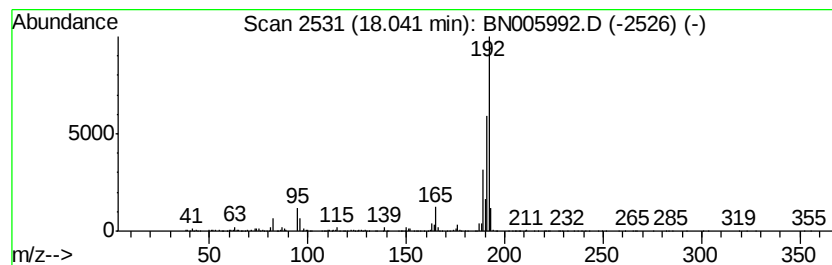
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
18.04	3.19 ng/ul	773506	Phenanthrene-d10		17.16
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89



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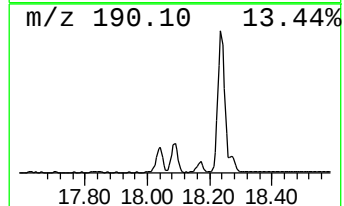
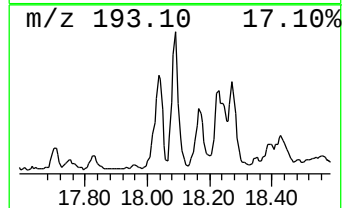
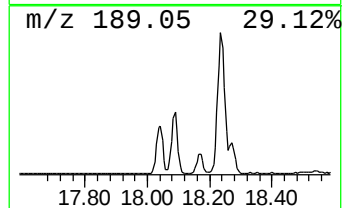
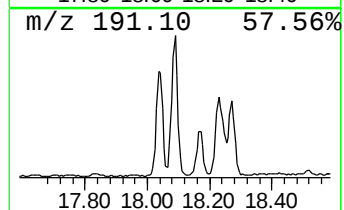
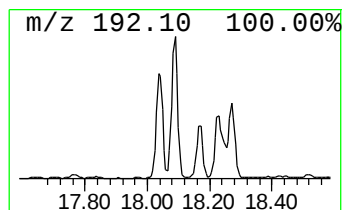
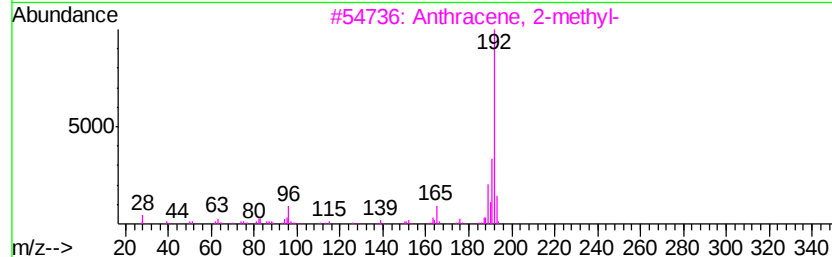
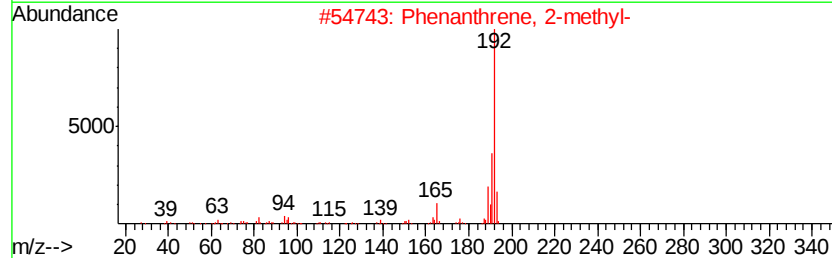
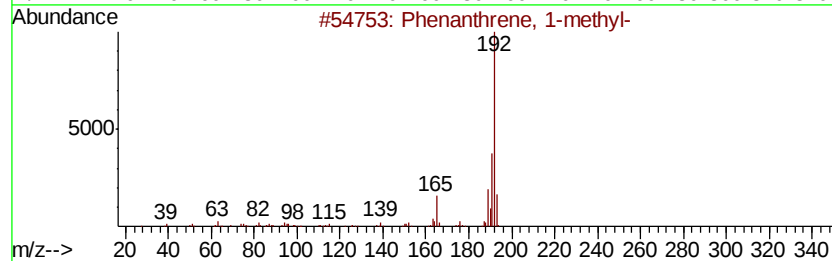
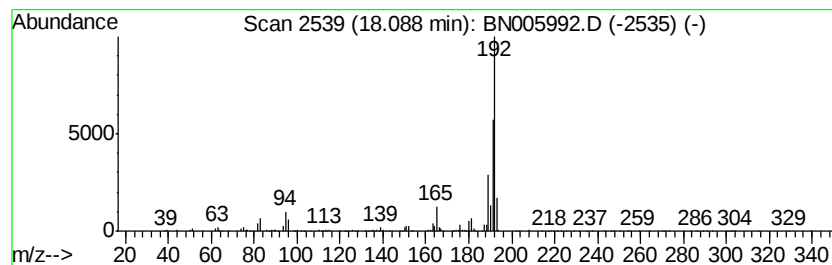
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.09	3.80 ng/ul	921473	Phenanthrene-d10	17.16		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95	
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94	
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94	
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94	
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93	



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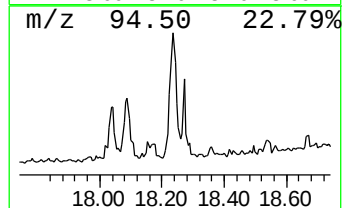
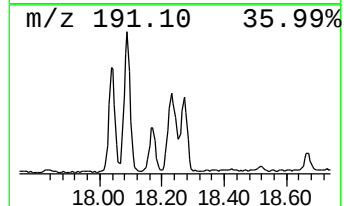
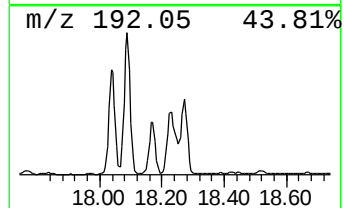
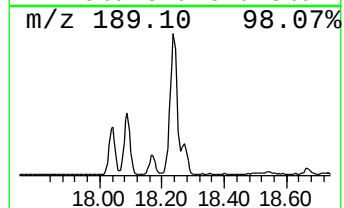
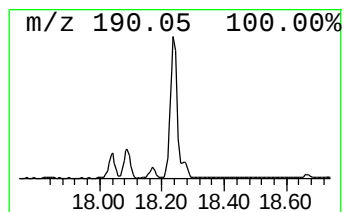
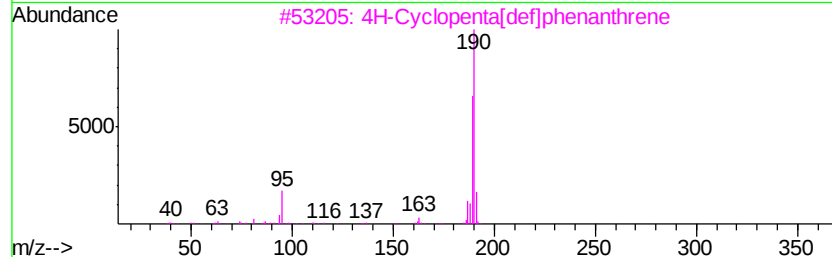
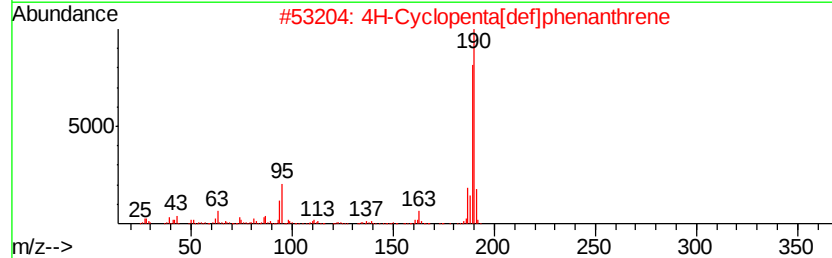
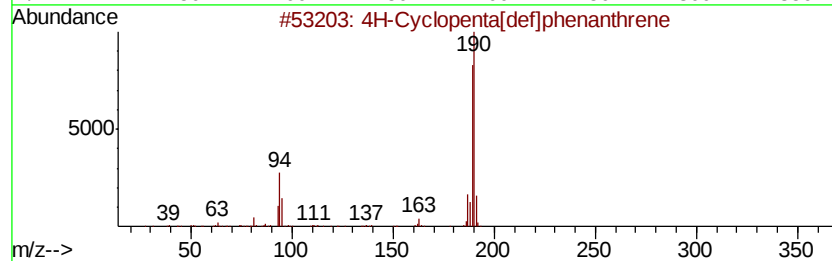
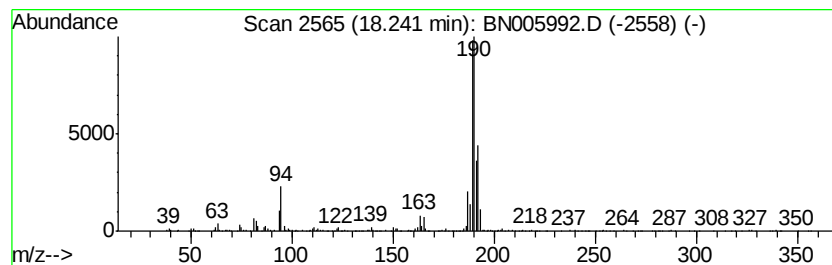
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.24	4.59 ng/ul	1112160	Phenanthrene-d10	17.16	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BCl03S	036155-87-0	50
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005992.D
Acq On : 31 May 2019 22:20
Operator : JU/SJ
Sample : K2928-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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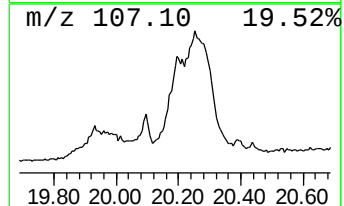
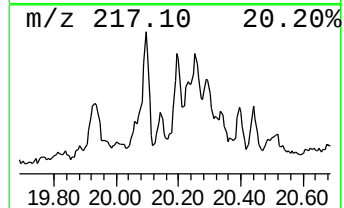
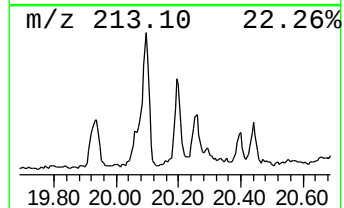
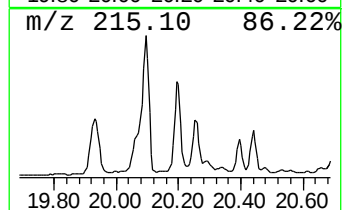
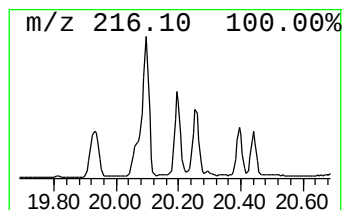
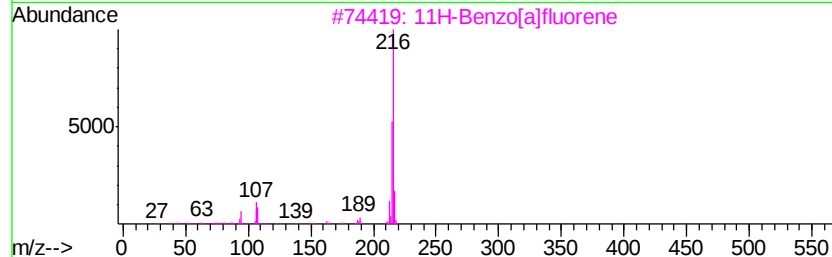
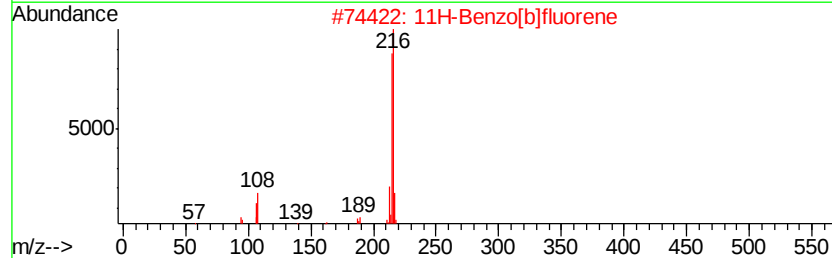
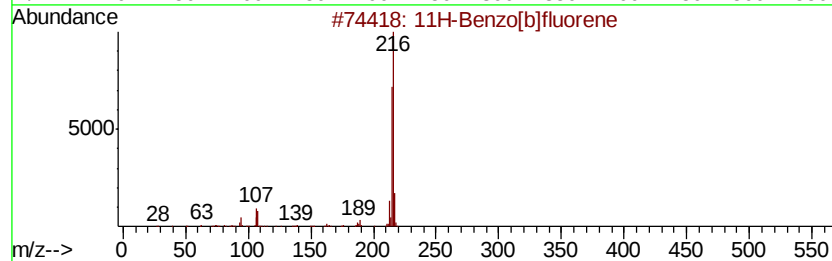
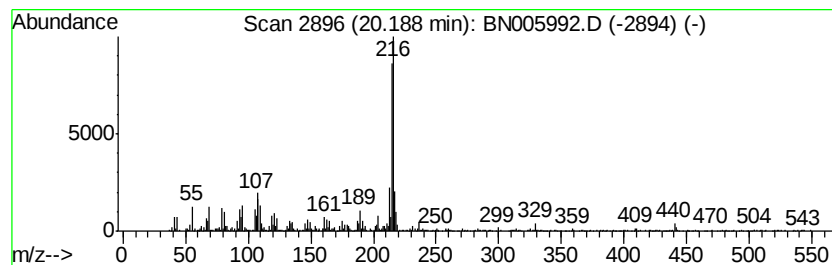
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.19	3.45 ng/ul	1169790	Chrysene-d12	21.38

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	97	
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95	
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93	
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93	
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90	



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005992.D
Acq On : 31 May 2019 22:20
Operator : JU/SJ
Sample : K2928-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C5

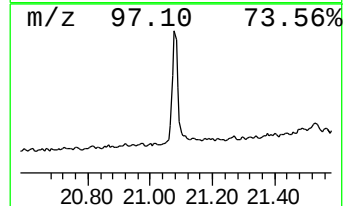
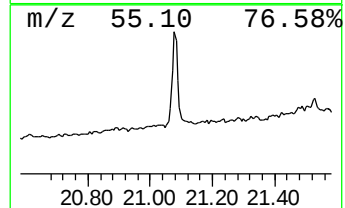
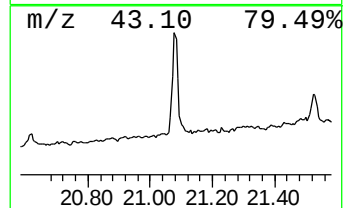
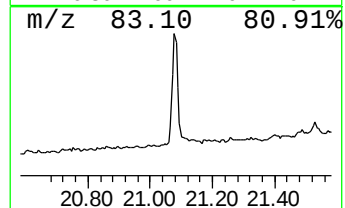
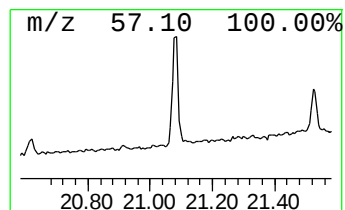
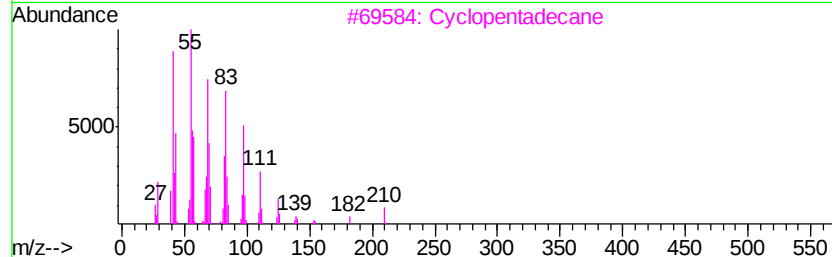
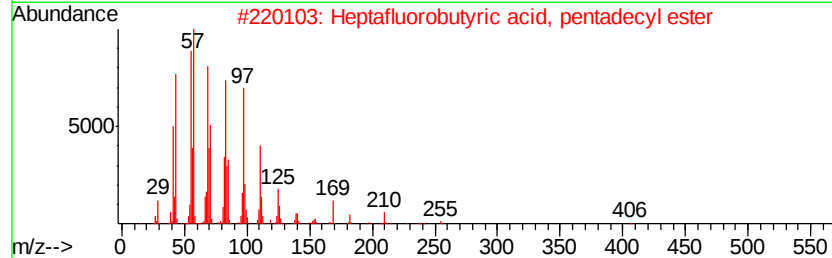
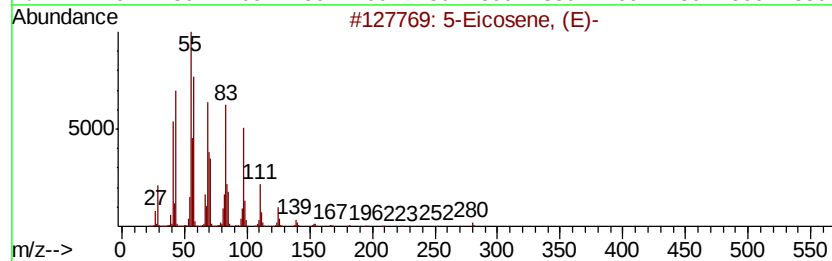
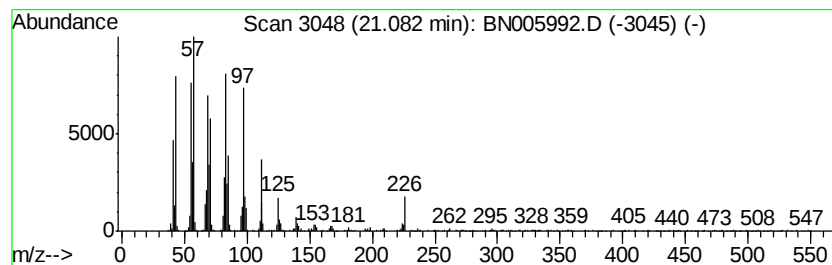
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 (DEL) Alkane: Cyclic21.08 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.08	4.39 ng/ul	1489170	Chrysene-d12	21.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Eicosene, (E)-	280	C20H40	074685-30-6	98
2		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
3		Cyclopentadecane	210	C15H30	000295-48-7	93
4		1-Heptacosanol	396	C27H56O	002004-39-9	93
5		1-Heneicosanol	312	C21H44O	015594-90-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN053119\
Data File : BN005992.D
Acq On : 31 May 2019 22:20
Operator : JU/SJ
Sample : K2928-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

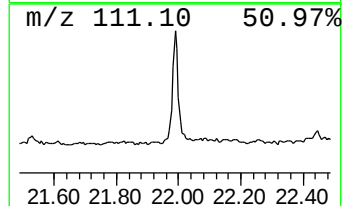
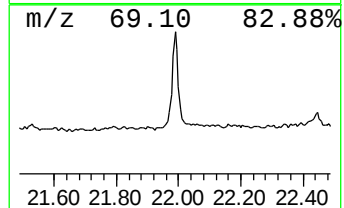
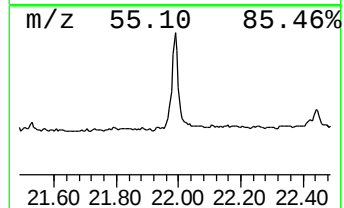
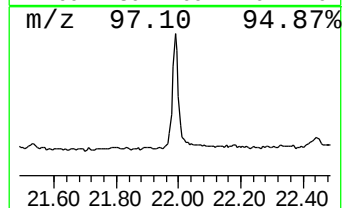
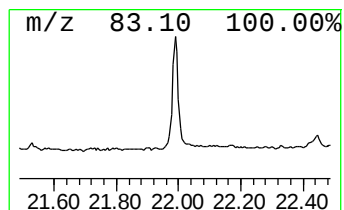
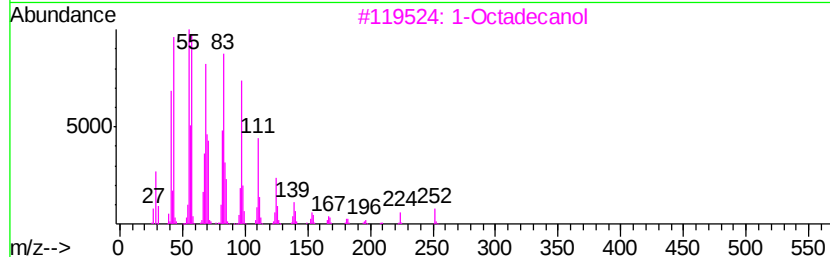
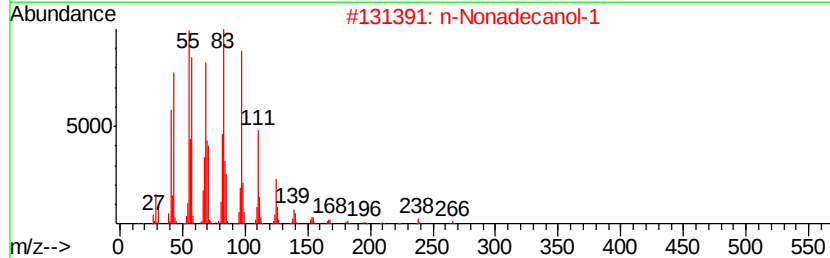
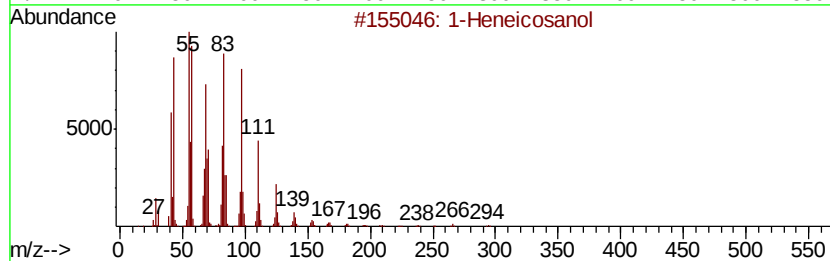
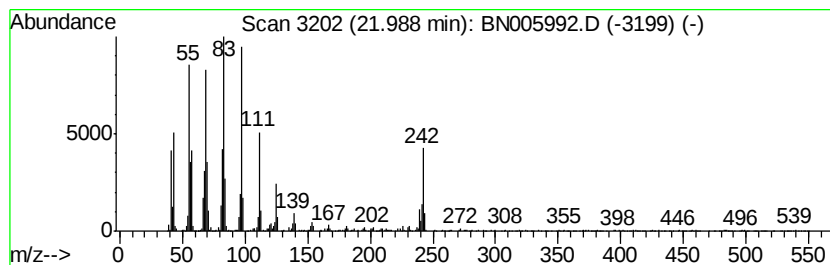
Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 1-Heneicosanol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.99	6.70 ng/ul	2272890	Chrysene-d12	21.38
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosanol	312 C21H44O	015594-90-8	93
2	n-Nonadecanol-1	284 C19H40O	001454-84-8	90
3	1-Octadecanol	270 C18H38O	000112-92-5	52
4	Cyclohexanone, 3-ethyl-	126 C8H14O	022461-89-8	35
5	Cyclooctane, methyl-	126 C9H18	001502-38-1	30



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Sample : K2928-11
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A42C5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.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
Anthracene, 2-met...	18.04	3.2	ng/ul	773506	4	17.16	4849020	20.0
Phenanthrene, 1-m...	18.09	3.8	ng/ul	921473	4	17.16	4849020	20.0
4H-Cyclopenta[def...	18.24	4.6	ng/ul	1112160	4	17.16	4849020	20.0
11H-Benzo[b]fluorene	20.19	3.5	ng/ul	1169790	5	21.38	6785180	20.0
(DEL) Alkane: Cyc...	21.08	4.4	ng/ul	1489170	5	21.38	6785180	20.0
1-Heneicosanol	21.99	6.7	ng/ul	2272890	5	21.38	6785180	20.0