LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
Data File : BM023332.D
Acq On : 22 Oct 2019 23:08
Operator : JU
Sample : K5354-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB90

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.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	3.169	28	31	40	rVB	80628	120559	1.36%	0.110%
2	3.675	114	117	121	rVB	36466	41608	0.47%	0.038%
3	3.804	135	139	148	rVB	70681	113413	1.28%	0.103%
4	3.887	149	153	160	rVB	37681	59089	0.67%	0.054%
5	4.798	303	308	311	rBV	22266	35049	0.39%	0.032%
6	5.781	471	475	478	rBV5	10343	18393	0.21%	0.017%
7	6.328	563	568	574	rBV6	19706	28495	0.32%	0.026%
8	6.663	620	625	629	rVB5	17007	25721	0.29%	0.023%
9	6.822	644	652	667	rVB	1227256	2196818	24.75%	1.999%
10	6.987	674	680	689	rBV	920433	1462246	16.47%	1.331%
11	7.181	707	713	723	rVB	1321940	2075900	23.39%	1.889%
12	7.304	729	734	739	rBV8	21837	48875	0.55%	0.044%
13	7.645	785	792	801	rBV	1455212	2291178	25.81%	2.085%
14	7.722	801	805	810	rVB3	17884	28203	0.32%	0.026%
15	8.357	905	913	921	rBV	1444916	2345273	26.42%	2.134%
16	8.463	927	931	939	rVB2	28531	52334	0.59%	0.048%
17	8.792	976	987	995	rBV	1172198	1908984	21.51%	1.737%
18	9.269	1064	1068	1072	rVB	36664	56284	0.63%	0.051%
19	9.510	1103	1109	1117	rBV	949296	1579147	17.79%	1.437%
20	10.051	1195	1201	1212	rVB	1562412	2606072	29.36%	2.372%
21	10.428	1257	1265	1271	rBV	1920446	3243060	36.54%	2.952%
22	10.475	1271	1273	1280	rVB	106917	148385	1.67%	0.135%
23	10.563	1280	1288	1301	rBV	665213	1238952	13.96%	1.128%
24	11.227	1396	1401	1407	rVB9	13600	31318	0.35%	0.029%
25	11.486	1440	1445	1450	rBV7	14788	23510	0.26%	0.021%
26	11.886	1506	1513	1516	rBV9	16639	33200	0.37%	0.030%
27	11.951	1519	1524	1531	rVV9	17075	39870	0.45%	0.036%
28	12.027	1531	1537	1542	rVV3	28905	52346	0.59%	0.048%
29	12.092	1544	1548	1559	rVB3	36941	74706	0.84%	0.068%
30	12.327	1578	1588	1593	rVB4	21117	41260	0.46%	0.038%
31	12.857	1674	1678	1682	rBV6	16089	24042	0.27%	0.022%
32	12.910	1684	1687	1692	rVB5	13540	18137	0.20%	0.017%
33	13.139	1720	1726	1732	rBV8	18373	50442	0.57%	0.046%
34	13.210	1732	1738	1743	rBV7	12513	26451	0.30%	0.024%

LSC Area Percent Report

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Data File : BM023332.D
Acq On : 22 Oct 2019 23:08
Operator : JU
Sample : K5354-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB90

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Title : SVOA CALIBRATION

35	13.269	1744	1748	1753	rVB7	10615	18195	0.20%	0.017%
36	13.533	1788	1793	1797	rBV6	13584	26405	0.30%	0.024%
37	13.616	1803	1807	1813	rVV6	38537	67022	0.76%	0.061%
38	13.669	1813	1816	1817	rVV3	21100	21395	0.24%	0.019%
39	13.710	1817	1823	1827	rVV	2716454	3739613	42.13%	3.403%
40	13.757	1827	1831	1838	rVV	1203791	1658398	18.68%	1.509%
41	13.810	1838	1840	1843	rVV3	17628	19757	0.22%	0.018%
42	13.845	1843	1846	1850	rVV5	15251	23237	0.26%	0.021%
43	13.980	1862	1869	1882	rVV	3097891	5014519	56.50%	4.564%
44	14.133	1893	1895	1905	rVB10	16748	36197	0.41%	0.033%
45	14.221	1907	1910	1915	rVB2	27469	34791	0.39%	0.032%
46	14.292	1915	1922	1929	rBV	2929019	4374776	49.29%	3.982%
47	14.357	1929	1933	1937	rVV2	33446	43946	0.50%	0.040%
48	14.498	1951	1957	1965	rBV	897141	1421959	16.02%	1.294%
49	14.645	1977	1982	1987	rBV9	24716	51368	0.58%	0.047%
50	14.715	1987	1994	2000	rVV4	159145	287053	3.23%	0.261%
51	14.768	2001	2003	2008	rVB5	23797	34851	0.39%	0.032%
52	14.845	2010	2016	2021	rVB9	19577	40474	0.46%	0.037%
53	14.910	2021	2027	2033	rBV7	33704	92632	1.04%	0.084%
54	14.968	2035	2037	2040	rVB4	17796	19900	0.22%	0.018%
55	15.057	2048	2052	2054	rBV3	25295	36193	0.41%	0.033%
56	15.115	2061	2062	2066	rVB3	16226	18152	0.20%	0.017%
57	15.174	2066	2072	2077	rVB2	43164	79431	0.89%	0.072%
58	15.292	2085	2092	2098	rBV	3964517	5817177	65.54%	5.294%
59	15.339	2098	2100	2106	rVB2	48459	72400	0.82%	0.066%
60	15.410	2107	2112	2120	rBV	823848	1128812	12.72%	1.027%
61	15.533	2128	2133	2137	rBV4	45881	79460	0.90%	0.072%
62	15.639	2147	2151	2155	rBV5	21465	34282	0.39%	0.031%
63	15.786	2173	2176	2182	rVB7	28588	58346	0.66%	0.053%
64	15.868	2186	2190	2197	rVB10	22136	46243	0.52%	0.042%
65	15.962	2201	2206	2208	rBV7	10277	20420	0.23%	0.019%
66	16.021	2211	2216	2217	rVV3	44655	71145	0.80%	0.065%
67	16.068	2221	2224	2232	rVB8	46598	79042	0.89%	0.072%
68	16.168	2237	2241	2243	rBV5	15594	23192	0.26%	0.021%
69	16.462	2287	2291	2292	rBV3	23080	25928	0.29%	0.024%
70	16.621	2315	2318	2323	rVB3	40883	55239	0.62%	0.050%
71	16.698	2327	2331	2339	rVB4	53743	111444	1.26%	0.101%

LSC Area Percent Report

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Sample : K5354-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFB90

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Title : SVOA CALIBRATION

72	17.039	2383	2389	2393	rBV2	3670940	5200294	58.59%	4.733%
73	17.080	2393	2396	2400	rVB	645502	806511	9.09%	0.734%
74	17.139	2400	2406	2411	rBV	4332550	6384311	71.93%	5.810%
75	17.233	2418	2422	2428	rBV3	53598	96982	1.09%	0.088%
76	17.445	2454	2458	2463	rBV2	84819	127057	1.43%	0.116%
77	17.562	2476	2478	2484	rBV4	32426	54058	0.61%	0.049%
78	17.915	2535	2538	2541	rBV	135688	156399	1.76%	0.142%
79	17.962	2541	2546	2555	rBV2	491197	686594	7.74%	0.625%
80	18.104	2566	2570	2575	rBV2	238798	438857	4.94%	0.399%
81	18.145	2575	2577	2583	rVB	137818	179475	2.02%	0.163%
82	18.262	2595	2597	2602	rVB5	76467	86236	0.97%	0.078%
83	18.674	2664	2667	2671	rVB4	129945	152879	1.72%	0.139%
84	18.839	2691	2695	2700	rBV2	220455	355088	4.00%	0.323%
85	18.980	2715	2719	2726	rBV4	135422	268701	3.03%	0.245%
86	19.103	2735	2740	2745	rVB	2003238	2769765	31.21%	2.521%
87	19.174	2748	2752	2755	rBV3	202936	292149	3.29%	0.266%
88	19.250	2761	2765	2769	rBV2	228168	357955	4.03%	0.326%
89	19.439	2791	2797	2800	rBV	5587347	8592544	96.81%	7.820%
90	19.892	2871	2874	2877	rBV	310390	367596	4.14%	0.335%
91	19.968	2884	2887	2892	rVB	465193	637095	7.18%	0.580%
92	20.068	2900	2904	2907	rBV	330838	425884	4.80%	0.388%
93	20.968	3053	3057	3062	rBV2	2759497	3692042	41.60%	3.360%
94	21.227	3095	3101	3105	rBV2	5119140	8875692	100.00%	8.078%
95	21.268	3105	3108	3115	rVB	1791211	2304940	25.97%	2.098%
96	21.862	3205	3209	3218	rVB2	1659843	2627454	29.60%	2.391%
97	22.780	3360	3365	3368	rBV	1644644	3227845	36.37%	2.938%
98	23.244	3441	3444	3448	rBV	830150	1263707	14.24%	1.150%
99	23.297	3448	3453	3457	rBV	4011574	6453486	72.71%	5.873%
100	23.433	3471	3476	3482	rBV	3313048	6072424	68.42%	5.527%

Sum of corrected areas: 109876734

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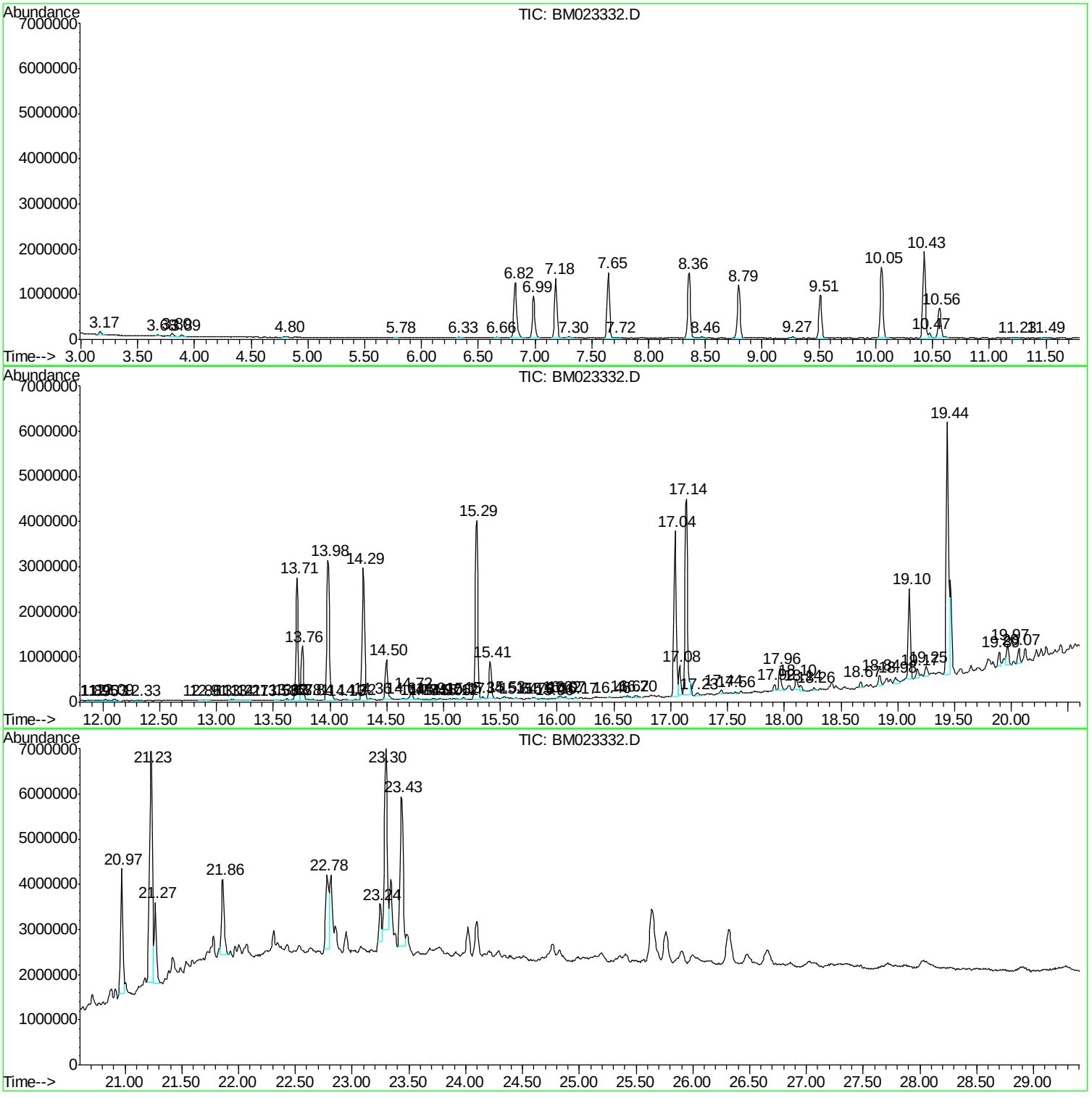
Instrument :
BNA_M
ClientSampleId :
BFB90

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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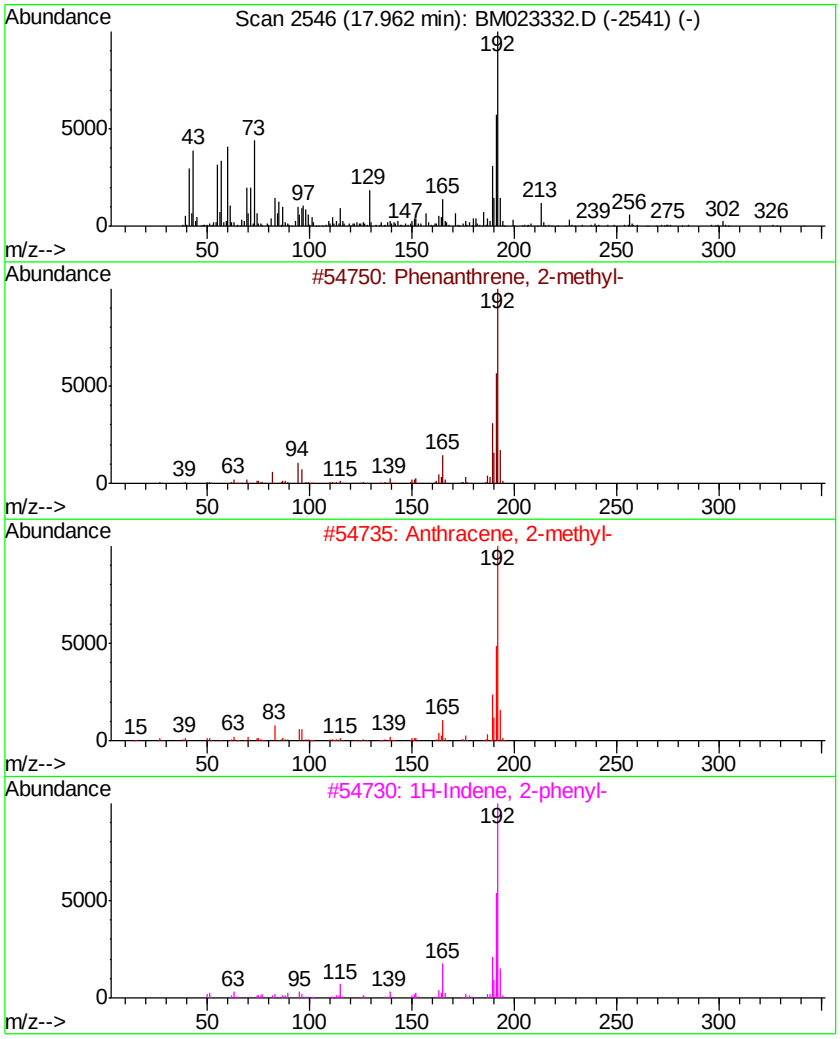
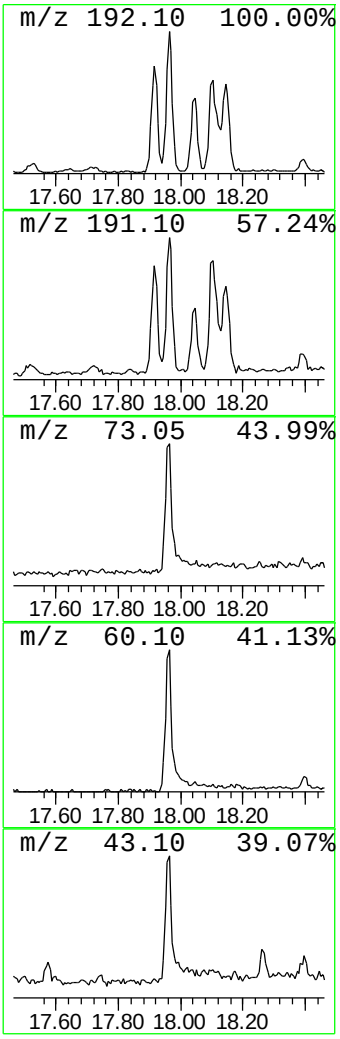
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.64 ng/ul	686594	Phenanthrene-d10	17.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102219\
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Instrument : BNA_M
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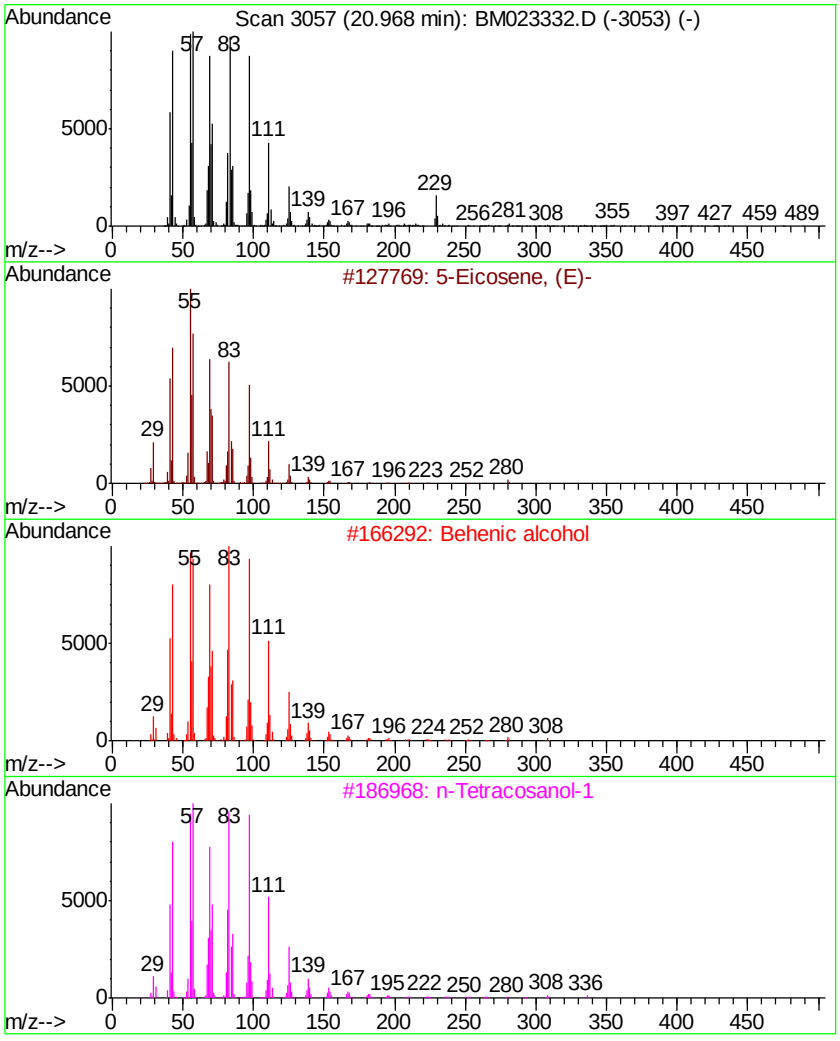
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

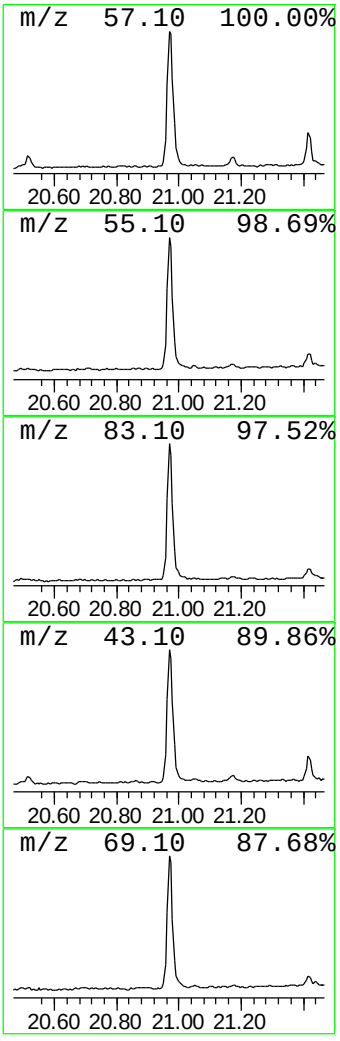
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 (DEL) Alkane: Cyclic20.97 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	8.32 ng/ul	3692040	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	94
5	1-Heneicosanol	312	C21H44O	015594-90-8	94





Library Search Compound Report

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Acq On : 22 Oct 2019 23:08
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Misc :
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Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

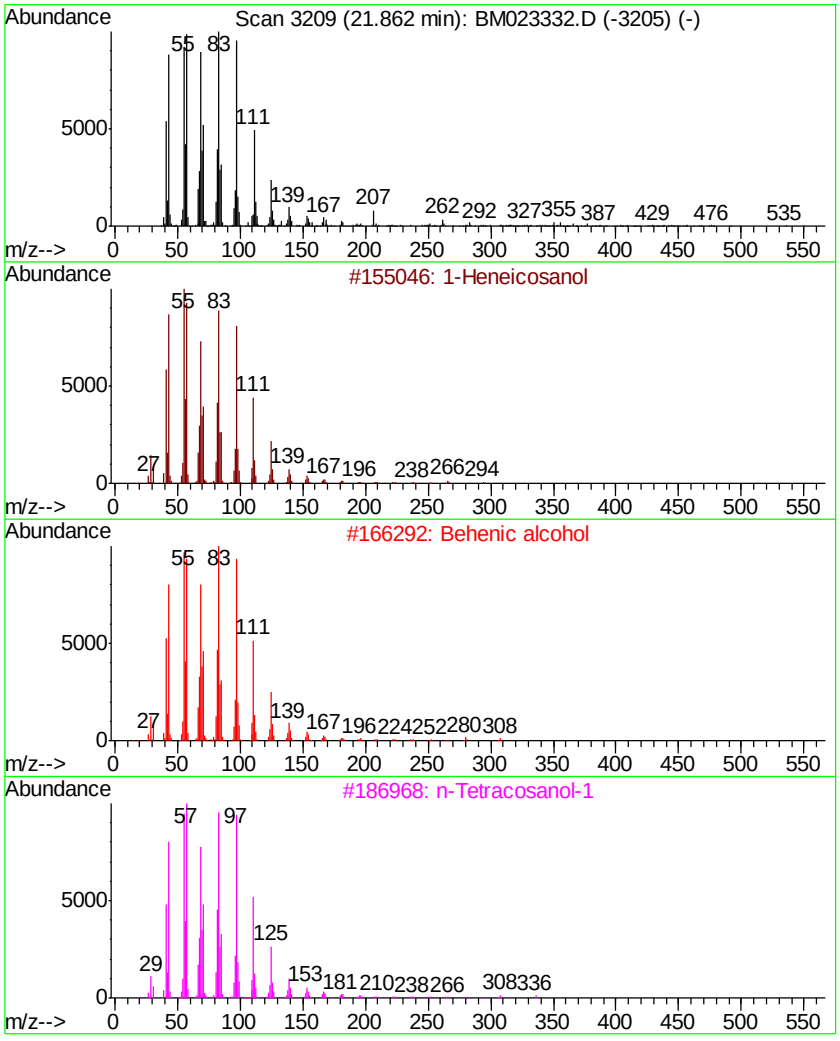
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

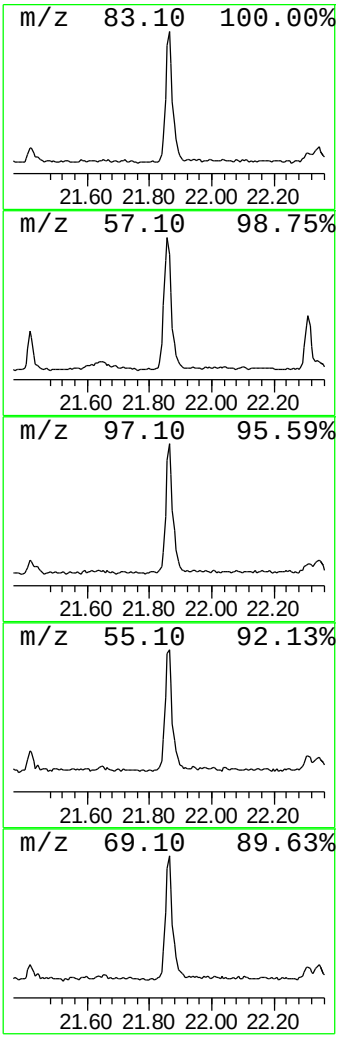
****

Peak Number 3 1-Heneicosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	5.92 ng/ul	2627450	Chrysene-d12	21.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Cyclotetracosane	336	C24H48	000297-03-0	91
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

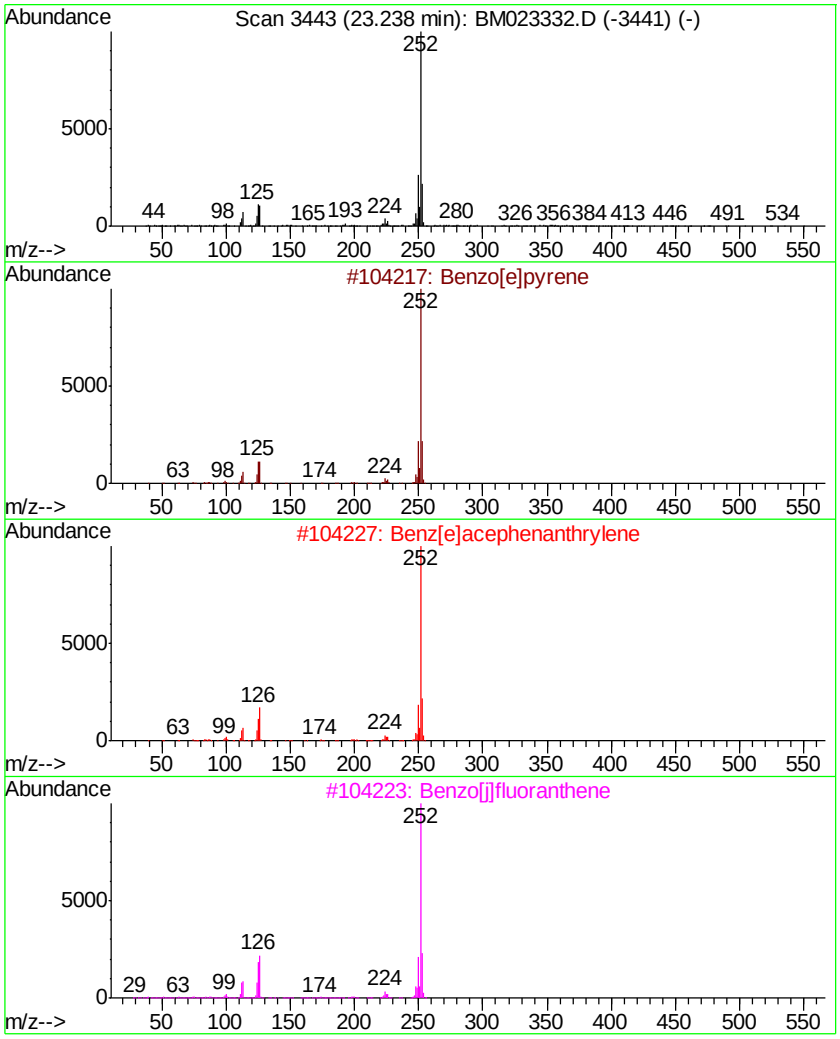
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

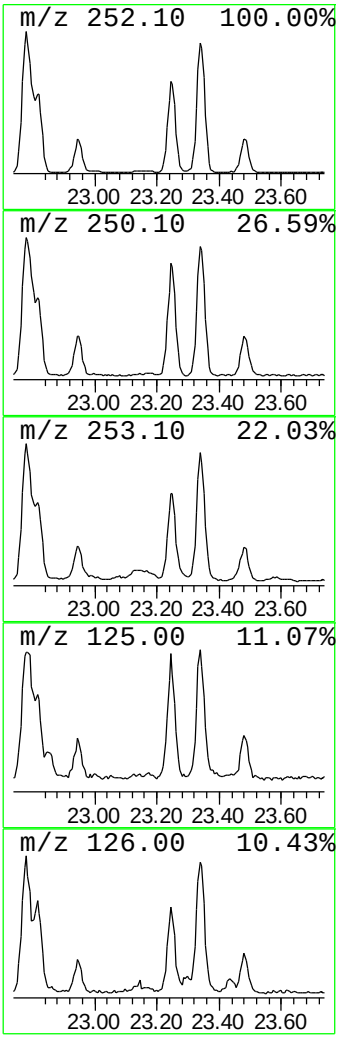
****

Peak Number 4 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	4.16 ng/ul	1263710	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
4	Perylene	252	C20H12	000198-55-0	96
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	96





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM102219\
Data File : BM023332.D
Acq On : 22 Oct 2019 23:08
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Misc :
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Instrument : BNA_M
ClientSampleId : BFB90

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Phenanthrene, 2-m...	17.96	2.6	ng/ul	686594	4	17.04	5200290	20.0
(DEL) Alkane: Cyc...	20.97	8.3	ng/ul	3692040	5	21.23	8875690	20.0
1-Heneicosanol	21.86	5.9	ng/ul	2627450	5	21.23	8875690	20.0
Benzo[e]pyrene	23.24	4.2	ng/ul	1263710	6	23.43	6072420	20.0