

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
 Data File : BM047031.D
 Acq On : 06 Aug 2024 20:35
 Operator : RC/JU
 Sample : P3329-08DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E13DL

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\SFAM-EPA-BM080224.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM047031.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.416	87	90	103	rBV	69801	114570	3.97%	0.344%
2	6.104	543	547	554	rVB2	14419	20795	0.72%	0.062%
3	6.604	626	632	646	rVB2	91234	196881	6.82%	0.591%
4	6.751	652	657	668	rVB	77224	130486	4.52%	0.392%
5	6.940	683	689	695	rVB	89996	138975	4.82%	0.417%
6	7.398	760	767	776	rBV	653117	1015303	35.19%	3.046%
7	7.763	823	829	834	rVB	30886	49090	1.70%	0.147%
8	7.851	838	844	851	rBV4	16234	30010	1.04%	0.090%
9	7.922	851	856	862	rVB	54715	87211	3.02%	0.262%
10	8.116	882	889	895	rVV	105891	172205	5.97%	0.517%
11	8.181	895	900	906	rVV	38191	79007	2.74%	0.237%
12	8.539	956	961	971	rVV	86345	151832	5.26%	0.456%
13	8.851	1004	1014	1021	rVV10	13400	39356	1.36%	0.118%
14	9.251	1076	1082	1091	rBV	60936	109934	3.81%	0.330%
15	9.363	1096	1101	1105	rBV4	14069	26565	0.92%	0.080%
16	9.416	1105	1110	1114	rVB5	11204	21203	0.73%	0.064%
17	9.569	1130	1136	1144	rBV7	16968	48933	1.70%	0.147%
18	9.675	1148	1154	1158	rBV5	15933	29001	1.01%	0.087%
19	9.792	1166	1174	1185	rBV	106743	184621	6.40%	0.554%
20	10.151	1226	1235	1239	rBV	803305	1368806	47.44%	4.107%
21	10.204	1239	1244	1252	rVV	1749055	2885569	100.00%	8.658%
22	10.310	1252	1262	1273	rVV2	166414	378692	13.12%	1.136%
23	10.916	1360	1365	1374	rBV3	17321	33848	1.17%	0.102%
24	11.827	1511	1520	1528	rBV	715492	1120885	38.84%	3.363%
25	11.922	1528	1536	1539	rBV5	22917	44524	1.54%	0.134%
26	12.051	1546	1558	1565	rVB	332450	544766	18.88%	1.634%
27	12.874	1691	1698	1705	rBV	156849	242559	8.41%	0.728%
28	13.074	1726	1732	1741	rVB	48243	91581	3.17%	0.275%
29	13.210	1745	1755	1756	rBV2	78140	124183	4.30%	0.373%
30	13.368	1775	1782	1787	rBV	117639	203677	7.06%	0.611%
31	13.421	1787	1791	1795	rBV2	74789	97504	3.38%	0.293%
32	13.480	1795	1801	1810	rVB	186642	275186	9.54%	0.826%
33	13.610	1818	1823	1826	rBV	47487	74843	2.59%	0.225%
34	13.639	1826	1828	1835	rVB4	19647	25965	0.90%	0.078%
35	13.739	1838	1845	1849	rBV	215756	341630	11.84%	1.025%
36	14.051	1890	1898	1904	rVV	1270096	1820993	63.11%	5.464%

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
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37	14.116	1904	1909	1918	rVV	631477	923619	32.01%	2.771%
38	14.192	1918	1922	1928	rVB	32912	47106	1.63%	0.141%
39	14.298	1928	1940	1947	rBV4	58890	144348	5.00%	0.433%
40	14.368	1947	1952	1957	rVB	35628	55653	1.93%	0.167%

41	14.457	1957	1967	1977	rBV	483349	705816	24.46%	2.118%
42	14.539	1977	1981	1984	rBV	23893	32287	1.12%	0.097%
43	14.680	1999	2005	2011	rBV4	18934	36185	1.25%	0.109%
44	14.739	2011	2015	2019	rVB2	21607	28607	0.99%	0.086%
45	14.863	2026	2036	2038	rBV4	15939	31959	1.11%	0.096%

46	15.057	2063	2069	2073	rVV	294839	417558	14.47%	1.253%
47	15.110	2073	2078	2084	rVV	666693	895602	31.04%	2.687%
48	15.198	2088	2093	2097	rVV4	53963	105492	3.66%	0.317%
49	15.233	2097	2099	2102	rVV2	34628	46994	1.63%	0.141%
50	15.274	2102	2106	2111	rVV	77266	114313	3.96%	0.343%

51	15.321	2111	2114	2117	rVV2	18358	26092	0.90%	0.078%
52	15.362	2117	2121	2124	rVV	38744	53462	1.85%	0.160%
53	15.410	2124	2129	2139	rVB	87545	132125	4.58%	0.396%
54	15.557	2149	2154	2162	rVB	93625	189041	6.55%	0.567%
55	15.645	2164	2169	2175	rVB3	21469	33445	1.16%	0.100%

56	15.786	2190	2193	2200	rBV7	13100	22679	0.79%	0.068%
57	15.910	2210	2214	2223	rBV2	25602	46318	1.61%	0.139%
58	16.121	2240	2250	2255	rBV2	59479	129744	4.50%	0.389%
59	16.168	2255	2258	2264	rVV3	21966	34166	1.18%	0.103%
60	16.268	2271	2275	2281	rVB3	24753	41774	1.45%	0.125%

61	16.357	2286	2290	2292	rVV	24153	30934	1.07%	0.093%
62	16.398	2292	2297	2300	rVV5	25388	41418	1.44%	0.124%
63	16.474	2307	2310	2318	rVB8	15830	24688	0.86%	0.074%
64	16.551	2318	2323	2329	rBV3	28958	57110	1.98%	0.171%
65	16.627	2329	2336	2341	rVV	123977	185734	6.44%	0.557%

66	16.809	2361	2367	2371	rBV	1477362	2090733	72.45%	6.273%
67	16.851	2371	2374	2380	rVV	1844133	2500466	86.65%	7.502%
68	16.909	2380	2384	2387	rVV2	301956	445741	15.45%	1.337%
69	16.945	2387	2390	2397	rVV	286529	375880	13.03%	1.128%
70	17.015	2397	2402	2409	rVV6	17522	36276	1.26%	0.109%

71	17.221	2432	2437	2442	rBV	170311	228594	7.92%	0.686%
72	17.339	2452	2457	2462	rBV6	24828	36851	1.28%	0.111%
73	17.392	2462	2466	2470	rBV4	15787	26910	0.93%	0.081%
74	17.539	2486	2491	2496	rVB3	13479	23915	0.83%	0.072%
75	17.686	2507	2516	2521	rBV	114073	180258	6.25%	0.541%

76	17.739	2521	2525	2533	rVV	180183	282326	9.78%	0.847%
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77	17.821	2534	2539	2543	rVV	60921	93108	3.23%	0.279%
78	17.880	2543	2549	2553	rVV2	221913	347412	12.04%	1.042%
79	17.915	2553	2555	2561	rVV	58646	79008	2.74%	0.237%
80	17.998	2565	2569	2573	rBV4	14556	25036	0.87%	0.075%
81	18.045	2573	2577	2581	rVB4	15717	20104	0.70%	0.060%
82	18.145	2589	2594	2599	rBV6	9253	21373	0.74%	0.064%
83	18.198	2599	2603	2608	rVV	76549	102620	3.56%	0.308%
84	18.627	2670	2676	2681	rVB3	36357	74570	2.58%	0.224%
85	18.686	2681	2686	2689	rBV4	26306	39581	1.37%	0.119%
86	18.886	2714	2720	2726	rBV	1092150	1420068	49.21%	4.261%
87	19.127	2758	2761	2766	rBV	27841	39543	1.37%	0.119%
88	19.221	2772	2777	2779	rBV2	529048	731313	25.34%	2.194%
89	19.250	2779	2782	2786	rVB	693421	857416	29.71%	2.573%
90	19.327	2792	2795	2803	rVB4	38865	61657	2.14%	0.185%
91	19.439	2811	2814	2819	rVB	41073	55461	1.92%	0.166%
92	19.592	2834	2840	2844	rBV4	35188	84048	2.91%	0.252%
93	19.721	2859	2862	2864	rBV4	26365	32541	1.13%	0.098%
94	19.756	2865	2868	2874	rVB	130645	161632	5.60%	0.485%
95	19.856	2881	2885	2889	rBV	145822	190240	6.59%	0.571%
96	19.915	2891	2895	2899	rVB3	45271	68487	2.37%	0.205%
97	21.044	3080	3087	3091	rBV2	1701915	2624886	90.97%	7.876%
98	21.080	3091	3093	3102	rVB	178657	244193	8.46%	0.733%
99	23.562	3511	3515	3521	rVB2	181463	343034	11.89%	1.029%
100	23.750	3540	3547	3556	rBV	1091545	2428477	84.16%	7.286%

Sum of corrected areas: 33329216

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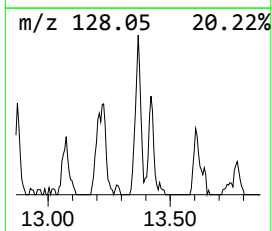
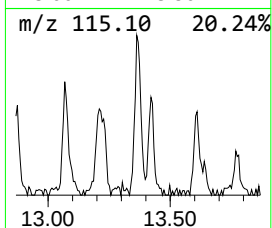
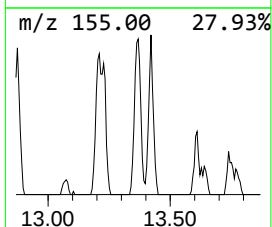
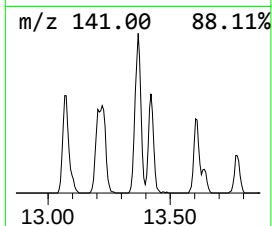
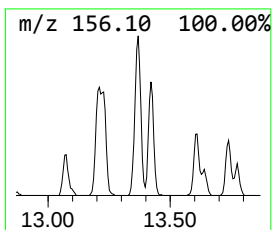
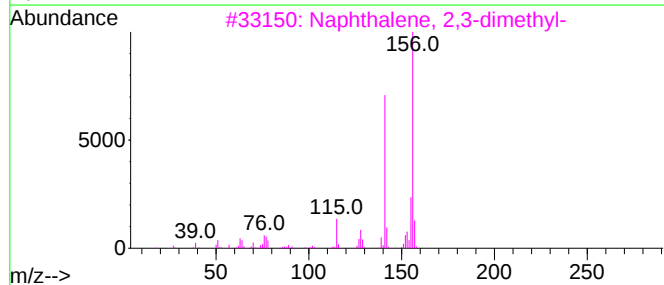
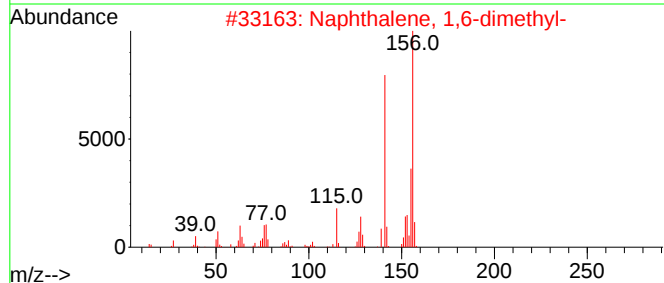
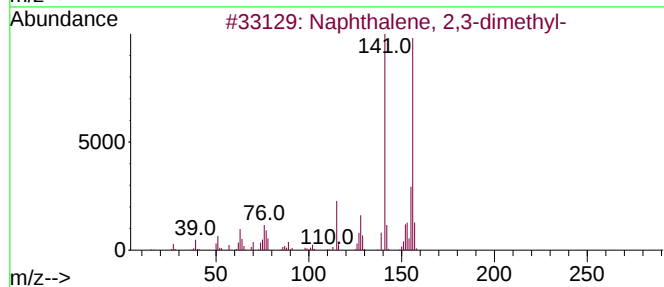
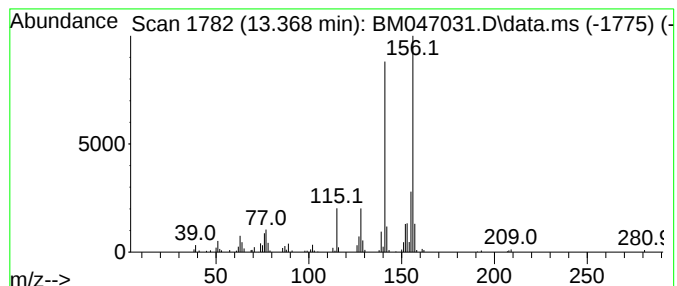
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.368	2.24 ng/ul	203677	Acenaphthene-d10	14.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



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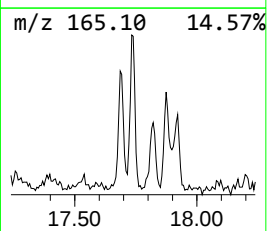
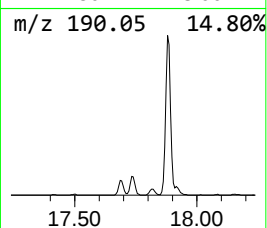
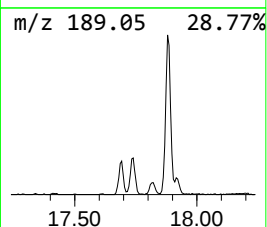
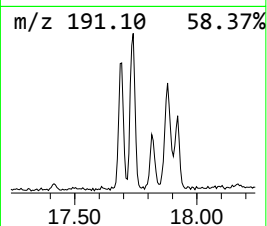
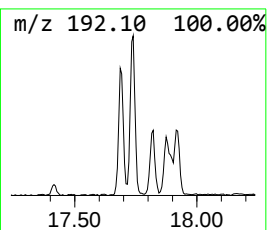
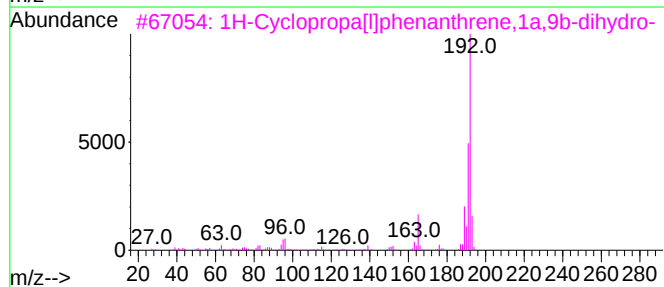
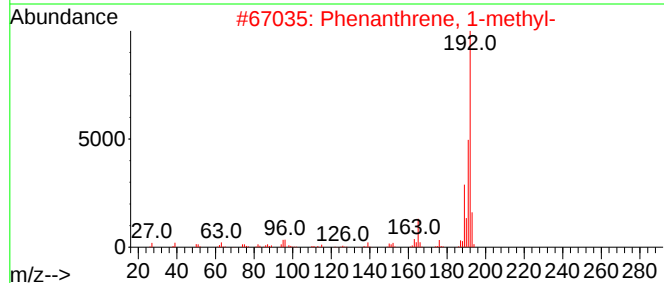
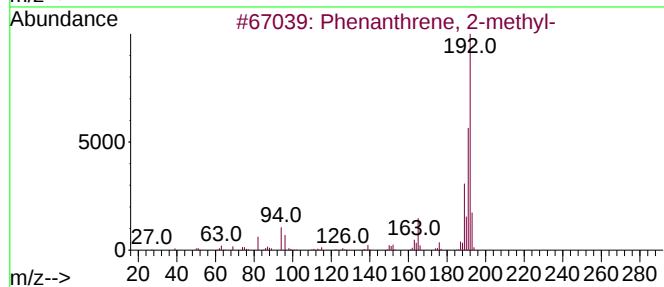
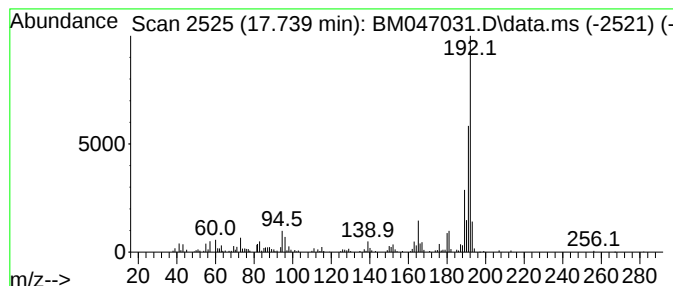
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.739	2.70 ng/ul	282326	Phenanthrene-d10	16.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94



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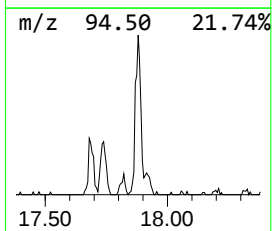
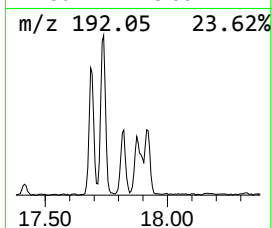
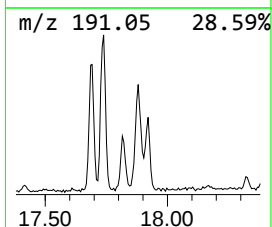
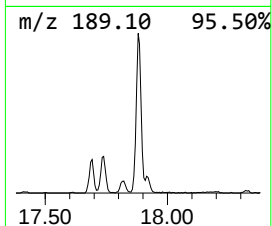
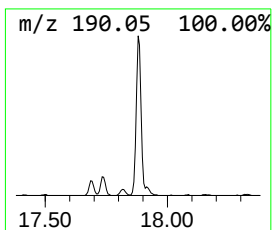
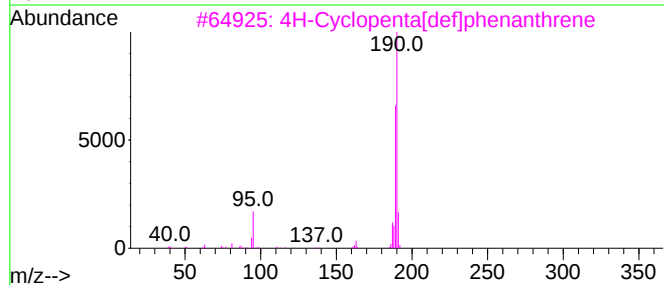
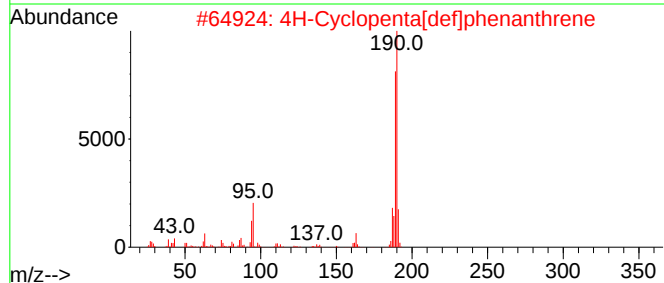
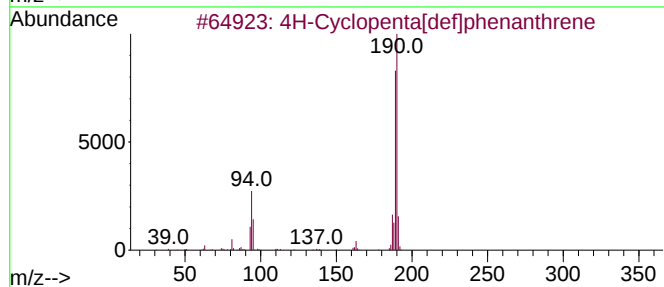
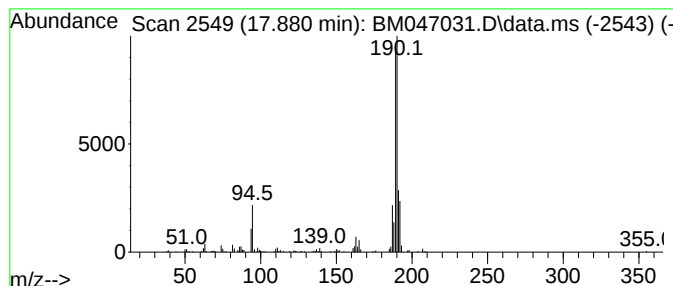
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.880	3.32 ng/ul	347412	Phenanthrene-d10	16.809

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047031.D
Acq On : 06 Aug 2024 20:35
Operator : RC/JU
Sample : P3329-08DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F7E13DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 2,...	13.368	2.2	ng/u1	203677	3	14.051	1820990	20.0
Phenanthrene, 2...	17.739	2.7	ng/u1	282326	4	16.809	2090730	20.0
4H-Cyclopenta[d...	17.880	3.3	ng/u1	347412	4	16.809	2090730	20.0