LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019458.D
Acq On : 26 Jan 2024 21:18
Operator : MA/JU
Sample : P1240-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : VNJ-223

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_P\Methods\8270E-BP012624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP019458.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.487	401	408	416	rBV	1041325	1593821	7.66%	0.894%
2	7.081	669	679	689	rBV	1103298	1781077	8.56%	0.999%
3	7.916	809	821	829	rBV	315839	506884	2.44%	0.284%
4	9.081	1011	1019	1029	rBV	677649	1128427	5.42%	0.633%
5	10.716	1289	1297	1301	rBV	392625	720851	3.46%	0.404%
6	10.769	1301	1306	1314	rVB	1033377	1771951	8.51%	0.994%
7	12.375	1569	1579	1586	rBV	1014952	1637421	7.87%	0.919%
8	12.593	1606	1616	1626	rVB	600758	989787	4.76%	0.555%
9	13.181	1708	1716	1726	rVB	1529517	2323518	11.16%	1.304%
10	13.387	1744	1751	1758	rBV	388373	578118	2.78%	0.324%
11	13.581	1778	1784	1797	rVB	216233	414917	1.99%	0.233%
12	13.716	1797	1807	1808	rBV	300131	459626	2.21%	0.258%
13	13.869	1825	1833	1838	rBV	489276	905604	4.35%	0.508%
14	13.928	1838	1843	1852	rVB	346026	548472	2.64%	0.308%
15	14.104	1865	1873	1877	rBV2	228486	386060	1.85%	0.217%
16	14.269	1892	1901	1908	rBV	199451	336536	1.62%	0.189%
17	14.551	1939	1949	1954	rBV3	584099	1177591	5.66%	0.661%
18	14.616	1954	1960	1968	rVB	4908501	7846643	37.70%	4.403%
19	14.757	1978	1984	1993	rVB	111189	274365	1.32%	0.154%
20	14.863	1993	2002	2007	rBV	375054	596224	2.86%	0.335%
21	14.951	2007	2017	2024	rBV	2680861	4043364	19.43%	2.269%
22	15.028	2024	2030	2035	rBV	186878	254437	1.22%	0.143%
23	15.169	2047	2054	2059	rBV2	143329	257456	1.24%	0.144%
24	15.339	2075	2083	2086	rBV	131203	243123	1.17%	0.136%
25	15.604	2121	2128	2134	rBV	4104149	6209489	29.84%	3.484%
26	15.698	2138	2144	2146	rVV	303582	513192	2.47%	0.288%
27	15.722	2146	2148	2151	rVV	522138	712123	3.42%	0.400%
28	15.763	2151	2155	2160	rVV	803123	1201813	5.77%	0.674%
29	15.810	2160	2163	2166	rVV	236730	336618	1.62%	0.189%
30	15.851	2166	2170	2173	rVV2	357561	553644	2.66%	0.311%
31	15.898	2173	2178	2187	rVB	831436	1271990	6.11%	0.714%
32	16.045	2195	2203	2211	rVV	1971645	3409209	16.38%	1.913%
33	16.134	2211	2218	2224	rVB3	174872	396034	1.90%	0.222%
34	16.281	2238	2243	2252	rVB	522353	807441	3.88%	0.453%
35	16.398	2256	2263	2269	rBV	390933	652023	3.13%	0.366%
36	16.569	2287	2292	2294	rBV2	260356	418364	2.01%	0.235%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019458.D
Acq On : 26 Jan 2024 21:18
Operator : MA/JU
Sample : P1240-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-223

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_P\Methods\8270E-BP012624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	16.610	2294	2299	2304	rVV2	610215	1052403	5.06%	0.591%
38	16.657	2304	2307	2312	rVV2	230822	321852	1.55%	0.181%
39	16.757	2319	2324	2329	rVB2	315415	536679	2.58%	0.301%
40	16.839	2335	2338	2341	rVV	241512	342691	1.65%	0.192%
41	16.881	2341	2345	2349	rVB2	296086	437495	2.10%	0.245%
42	16.957	2355	2358	2366	rVB5	157841	300156	1.44%	0.168%
43	17.063	2366	2376	2381	rBV2	686790	1570310	7.55%	0.881%
44	17.122	2381	2386	2397	rVB	807880	1354780	6.51%	0.760%
45	17.310	2413	2418	2420	rBV	598705	866477	4.16%	0.486%
46	17.363	2420	2427	2433	rVV	12170246	20515045	98.57%	11.512%
47	17.445	2436	2441	2446	rVV	1836669	2563585	12.32%	1.439%
48	17.498	2446	2450	2456	rVB3	194497	348573	1.67%	0.196%
49	17.716	2476	2487	2491	rBV	702178	1088445	5.23%	0.611%
50	17.833	2503	2507	2512	rBV	378835	545643	2.62%	0.306%
51	18.028	2535	2540	2548	rVB	142552	241322	1.16%	0.135%
52	18.180	2556	2566	2569	rBV	1169887	1843376	8.86%	1.034%
53	18.222	2569	2573	2580	rVB	1776367	2683352	12.89%	1.506%
54	18.304	2580	2587	2592	rBV	706237	1101180	5.29%	0.618%
55	18.369	2592	2598	2602	rVV2	3274175	5385451	25.88%	3.022%
56	18.398	2602	2603	2610	rVB	684429	639660	3.07%	0.359%
57	18.663	2644	2648	2652	rBV	820688	1058702	5.09%	0.594%
58	18.704	2652	2655	2659	rVB	320197	414062	1.99%	0.232%
59	18.898	2680	2688	2693	rBV	277618	444581	2.14%	0.249%
60	18.980	2699	2702	2707	rVB	208607	258794	1.24%	0.145%
61	19.063	2710	2716	2721	rBV	431040	782433	3.76%	0.439%
62	19.127	2721	2727	2730	rBV2	294337	444139	2.13%	0.249%
63	19.204	2735	2740	2747	rBV2	321015	662994	3.19%	0.372%
64	19.333	2754	2762	2767	rBV	14068667	20812205	100.00%	11.679%
65	19.516	2787	2793	2796	rBV4	127133	262319	1.26%	0.147%
66	19.557	2796	2800	2804	rVB	329086	480066	2.31%	0.269%
67	19.686	2810	2822	2828	rBV2	9956181	19071702	91.64%	10.702%
68	19.739	2828	2831	2838	rVB2	534361	821996	3.95%	0.461%
69	19.851	2844	2850	2851	rBV	750839	977780	4.70%	0.549%
70	19.880	2851	2855	2864	rVB	2395991	3379001	16.24%	1.896%
71	19.998	2867	2875	2880	rBV3	649612	1633701	7.85%	0.917%
72	20.157	2890	2902	2907	rVB	1858404	3866697	18.58%	2.170%
73	20.257	2914	2919	2923	rBV	1999520	2578824	12.39%	1.447%
74	20.310	2923	2928	2932	rVV2	843222	1519609	7.30%	0.853%
75	20.351	2932	2935	2938	rVV	465459	570339	2.74%	0.320%
76	20.392	2938	2942	2946	rVB	222577	308395	1.48%	0.173%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019458.D
Acq On : 26 Jan 2024 21:18
Operator : MA/JU
Sample : P1240-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-223

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_P\Methods\8270E-BP012624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.451	2947	2952	2955	rBV	441322	620743	2.98%	0.348%
78	20.492	2955	2959	2963	rVB2	451591	646811	3.11%	0.363%
79	20.851	3016	3020	3023	rBV2	260366	401608	1.93%	0.225%
80	20.892	3024	3027	3032	rVB2	244197	367363	1.77%	0.206%
81	21.051	3048	3054	3057	rBV	466916	745076	3.58%	0.418%
82	21.092	3057	3061	3064	rVV	704895	922179	4.43%	0.517%
83	21.133	3064	3068	3073	rVB2	558685	994276	4.78%	0.558%
84	21.286	3088	3094	3100	rBV	155769	355912	1.71%	0.200%
85	21.392	3105	3112	3117	rVV2	3161233	5807369	27.90%	3.259%
86	21.445	3117	3121	3128	rVB	2656256	3893816	18.71%	2.185%
87	21.563	3137	3141	3150	rVB	564092	928495	4.46%	0.521%
88	21.721	3164	3168	3175	rBV2	225816	434990	2.09%	0.244%
89	21.986	3207	3213	3217	rVV	350937	610804	2.93%	0.343%
90	22.045	3219	3223	3230	rVB3	219642	377829	1.82%	0.212%
91	22.198	3245	3249	3252	rBV2	184611	269452	1.29%	0.151%
92	22.233	3252	3255	3260	rVB2	291828	415931	2.00%	0.233%
93	22.339	3270	3273	3279	rVB	270567	382686	1.84%	0.215%
94	22.498	3295	3300	3305	rBV2	216073	392225	1.88%	0.220%
95	23.098	3394	3402	3407	rBV	1327961	3351122	16.10%	1.880%
96	23.280	3428	3433	3446	rVB	164024	314123	1.51%	0.176%
97	23.621	3484	3491	3501	rVB	601514	1314695	6.32%	0.738%
98	23.727	3502	3509	3518	rVB	731490	1469746	7.06%	0.825%
99	23.827	3520	3526	3532	rBV	535598	1177369	5.66%	0.661%
100	26.362	3951	3957	3969	rVB3	214817	669790	3.22%	0.376%

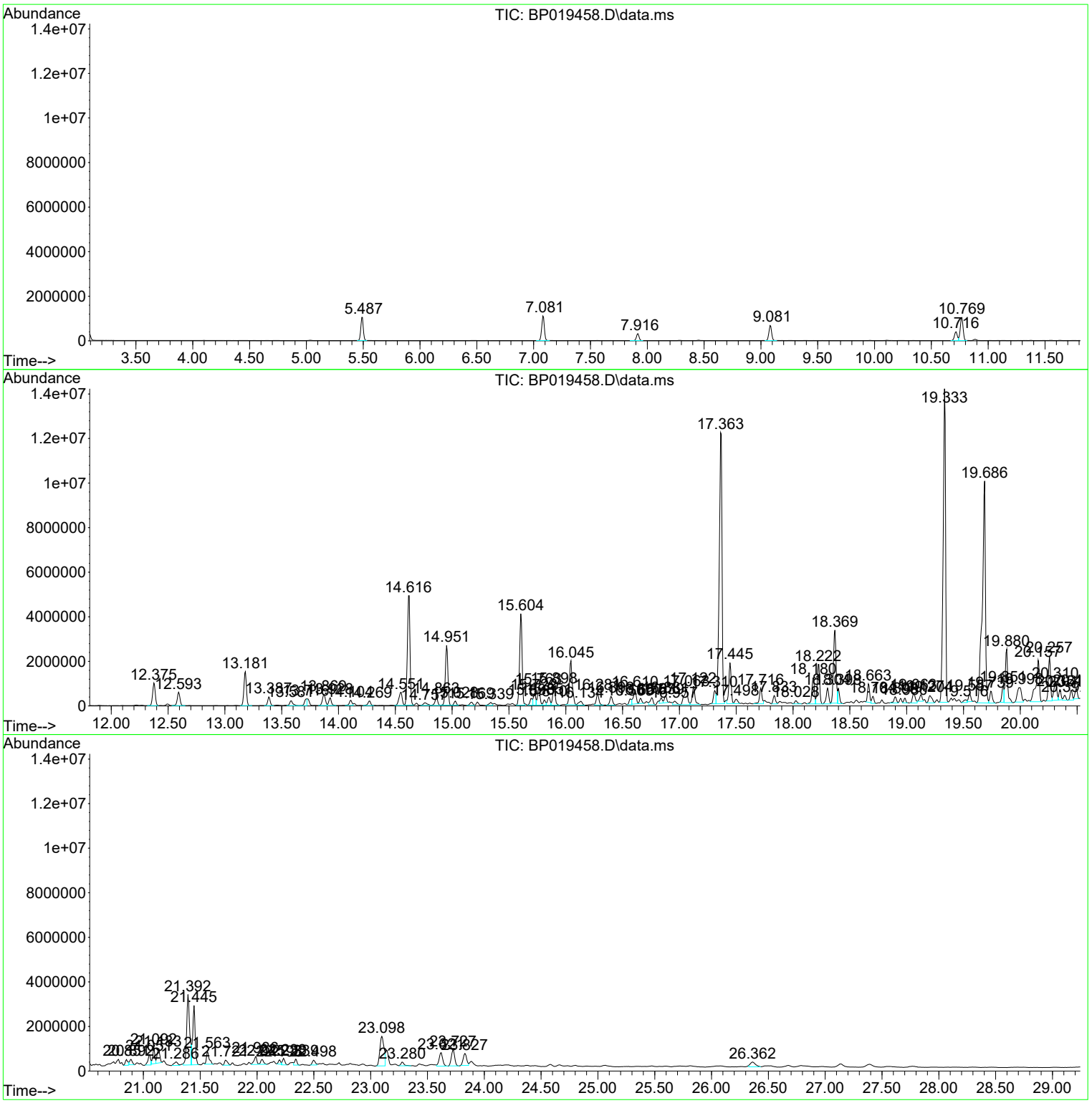
Sum of corrected areas: 178209437

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019458.D
Acq On : 26 Jan 2024 21:18
Operator : MA/JU
Sample : P1240-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019458.D
Acq On : 26 Jan 2024 21:18
Operator : MA/JU
Sample : P1240-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

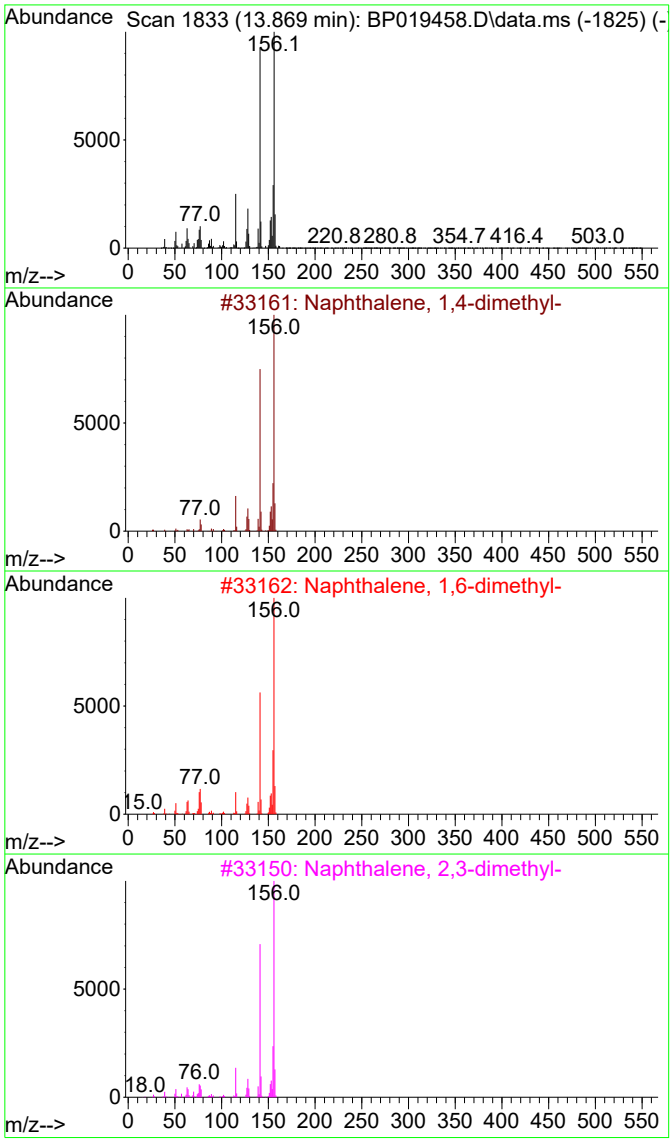
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

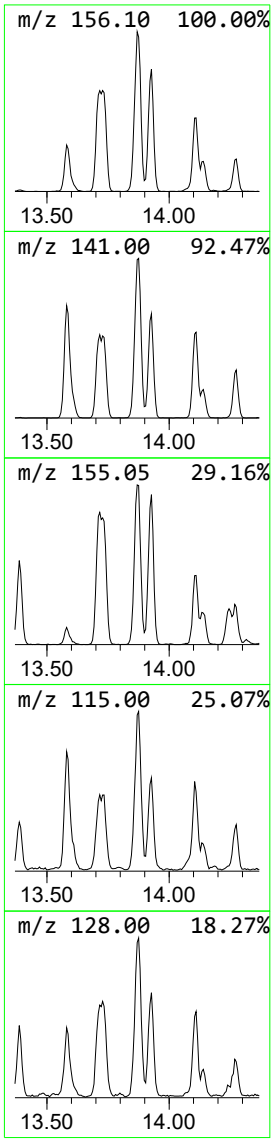
****

Peak Number 1 Naphthalene, 1,4-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.869	15.38 ng	905604	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019458.D
Acq On : 26 Jan 2024 21:18
Operator : MA/JU
Sample : P1240-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

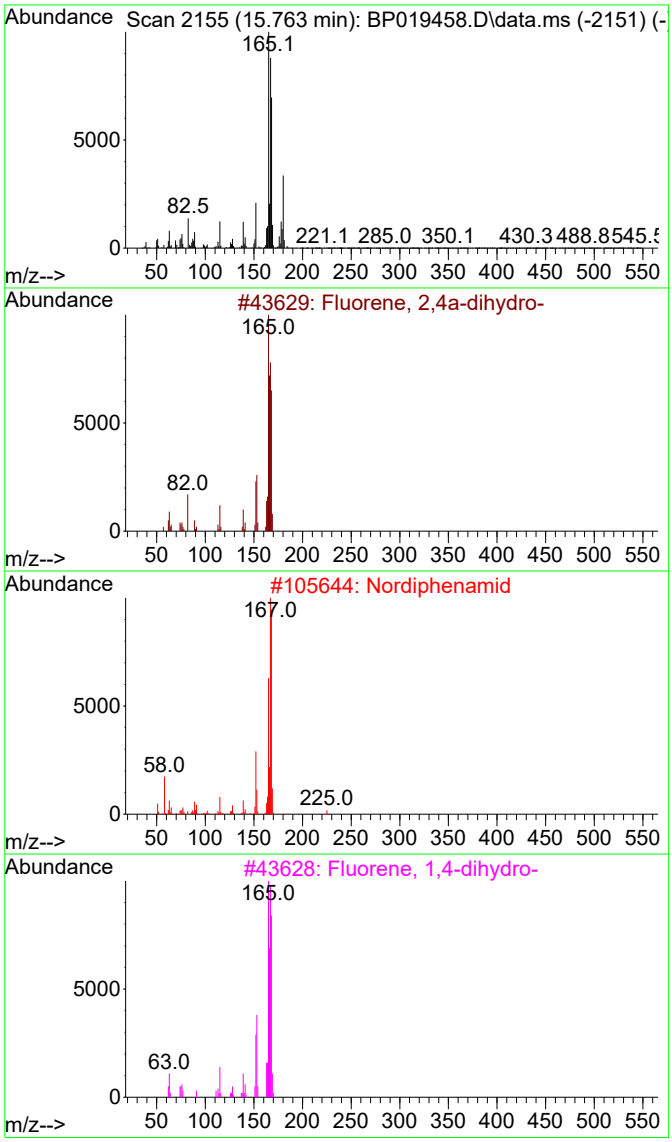
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

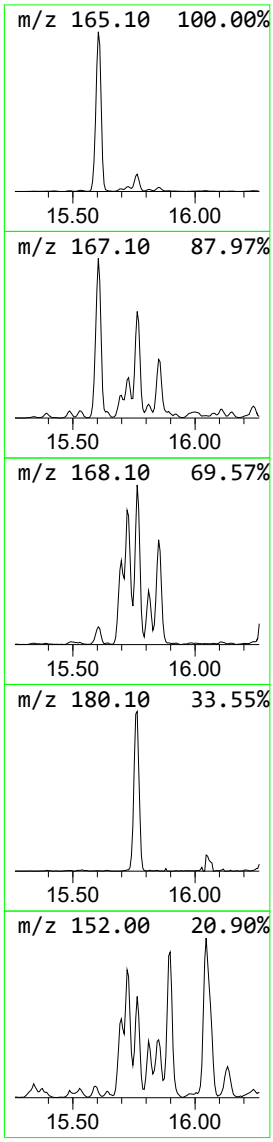
****

Peak Number 2 Fluorene, 2,4a-dihydro- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.763	20.41 ng	1201810	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene, 2,4a-dihydro-	168	C13H12	059247-36-8	95
2	Nordiphenamid	225	C15H15NO	000954-21-2	64
3	Fluorene, 1,4-dihydro-	168	C13H12	041593-21-9	64
4	Benzene, 1,1'-(bromomethylene)bis-	246	C13H11Br	000776-74-9	49
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019458.D
Acq On : 26 Jan 2024 21:18
Operator : MA/JU
Sample : P1240-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-223

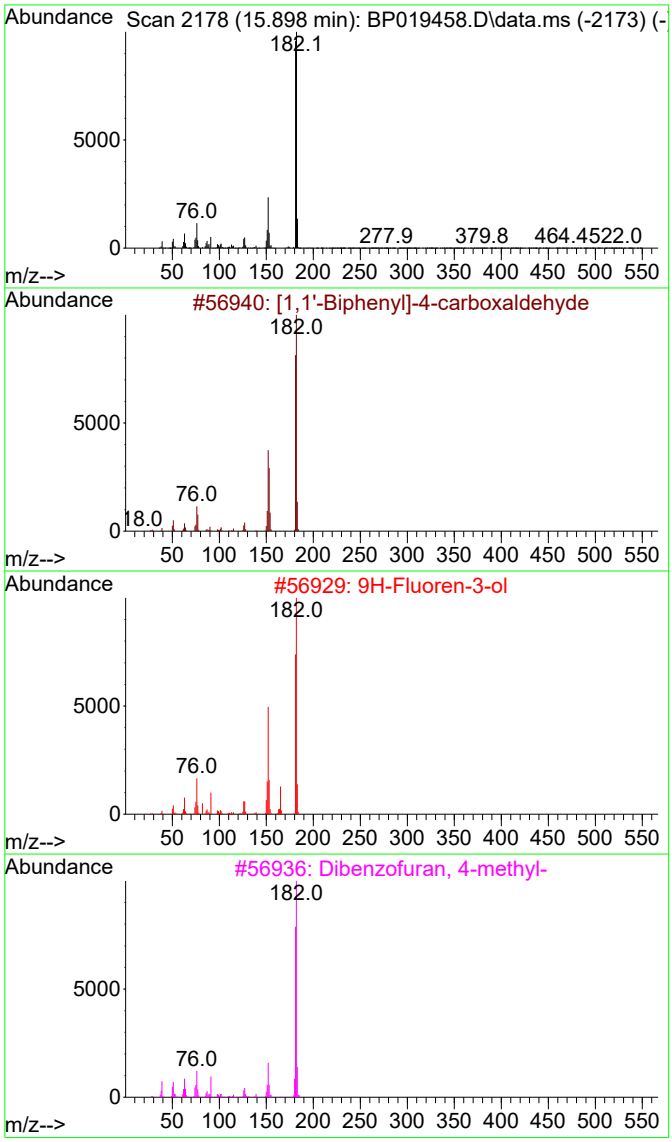
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

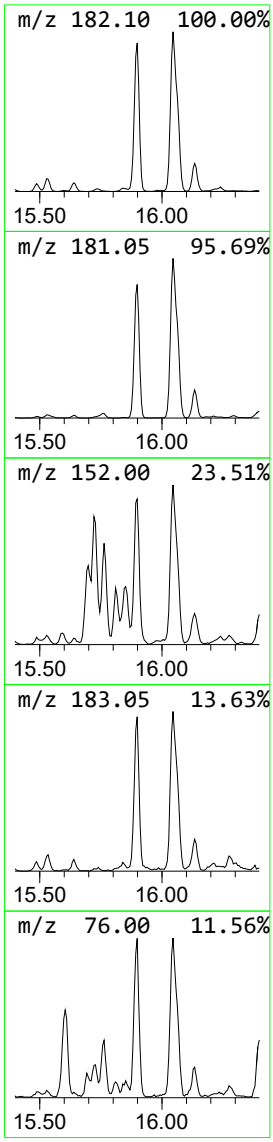
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.898	21.60 ng	1271990	Acenaphthene-d10	14.551

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	9H-Xanthene	182	C13H10O	000092-83-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019458.D
Acq On : 26 Jan 2024 21:18
Operator : MA/JU
Sample : P1240-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

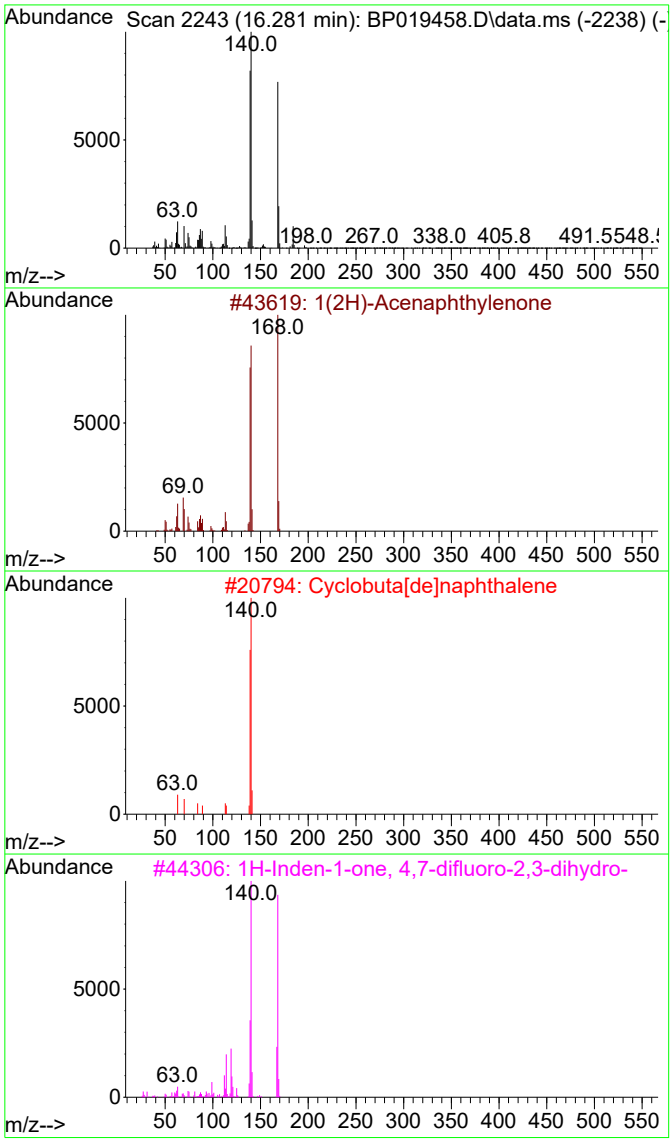
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

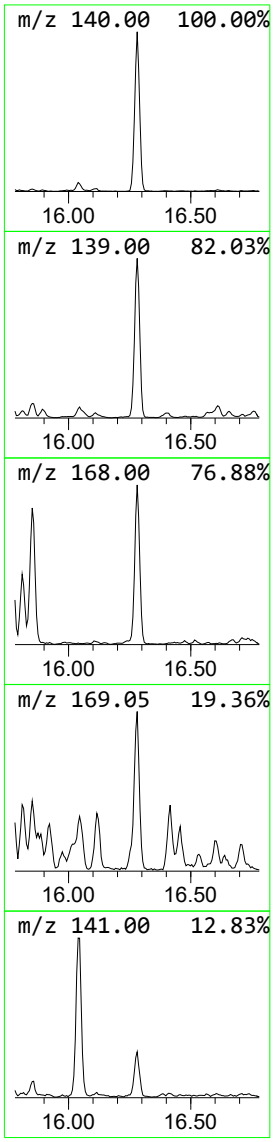
****

Peak Number 4 1(2H)-Acenaphthylenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.281	18.64 ng	807441	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	93
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	60
3	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	50
4	2-Amino-5,6-dihydro-4H-cyclopent...	140	C6H8N2S	053051-97-1	47
5	Ethyl maltol	140	C7H8O3	004940-11-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019458.D
Acq On : 26 Jan 2024 21:18
Operator : MA/JU
Sample : P1240-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

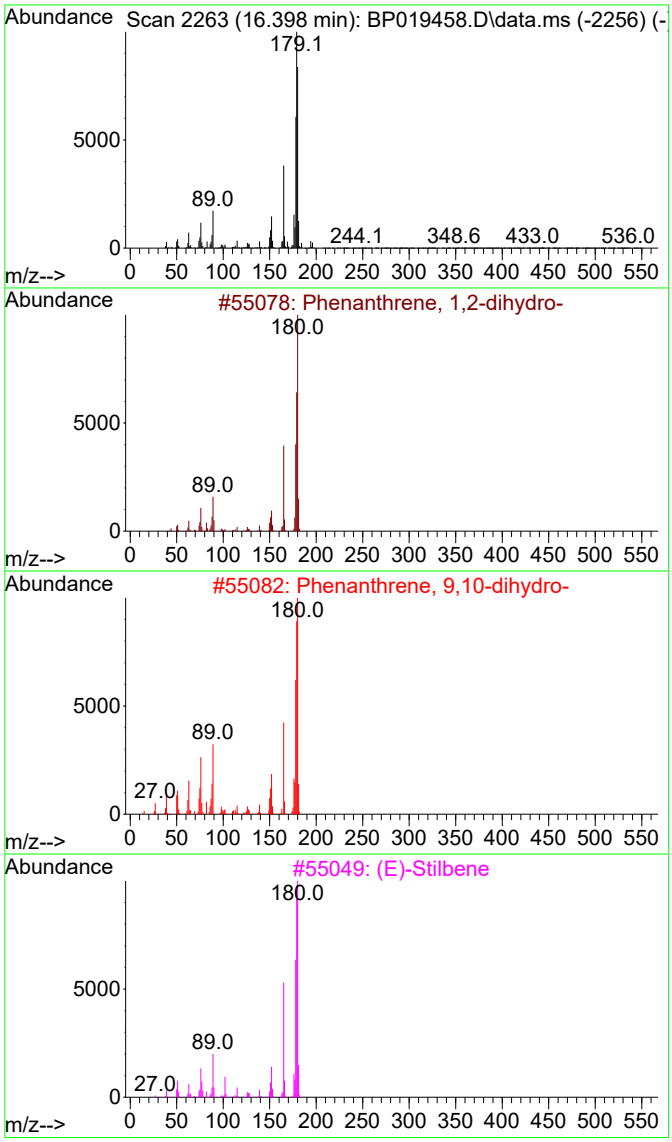
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

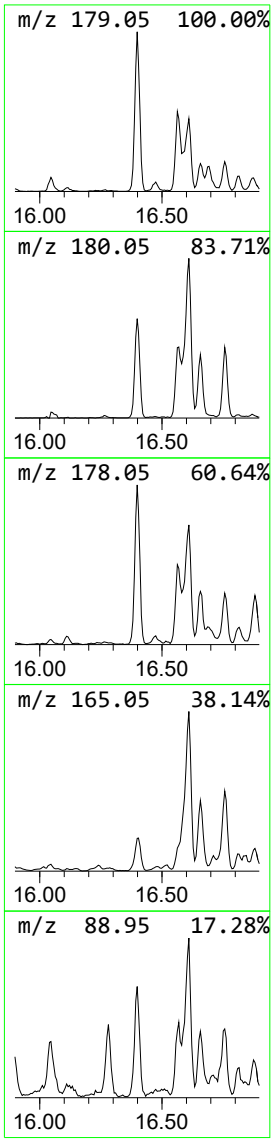
****

Peak Number 5 Phenanthrene, 1,2-dihydro- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.398	15.05 ng	652023	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,2-dihydro-	180	C14H12	056179-83-0	95
2	Phenanthrene, 9,10-dihydro-	180	C14H12	000776-35-2	94
3	(E)-Stilbene	180	C14H12	000103-30-0	93
4	Anthracene, 9,10-dihydro-	180	C14H12	000613-31-0	93
5	cis-Stilbene	180	C14H12	000645-49-8	93





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Acq On : 26 Jan 2024 21:18
Operator : MA/JU
Sample : P1240-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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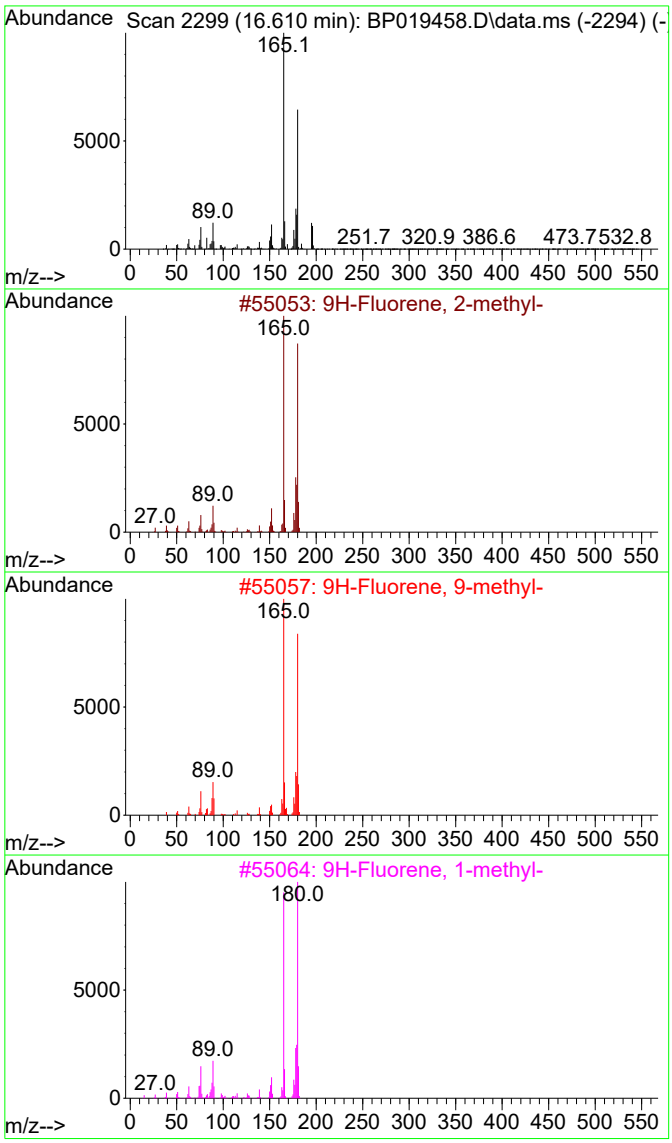
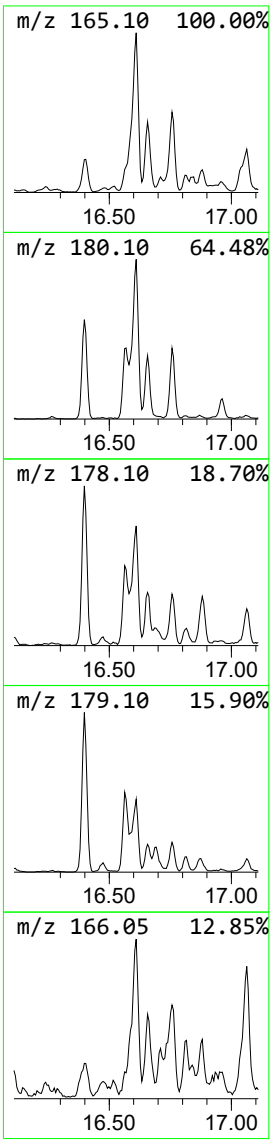
Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.610	24.29 ng	1052400	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
4	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	70
5	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	64





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Operator : MA/JU
Sample : P1240-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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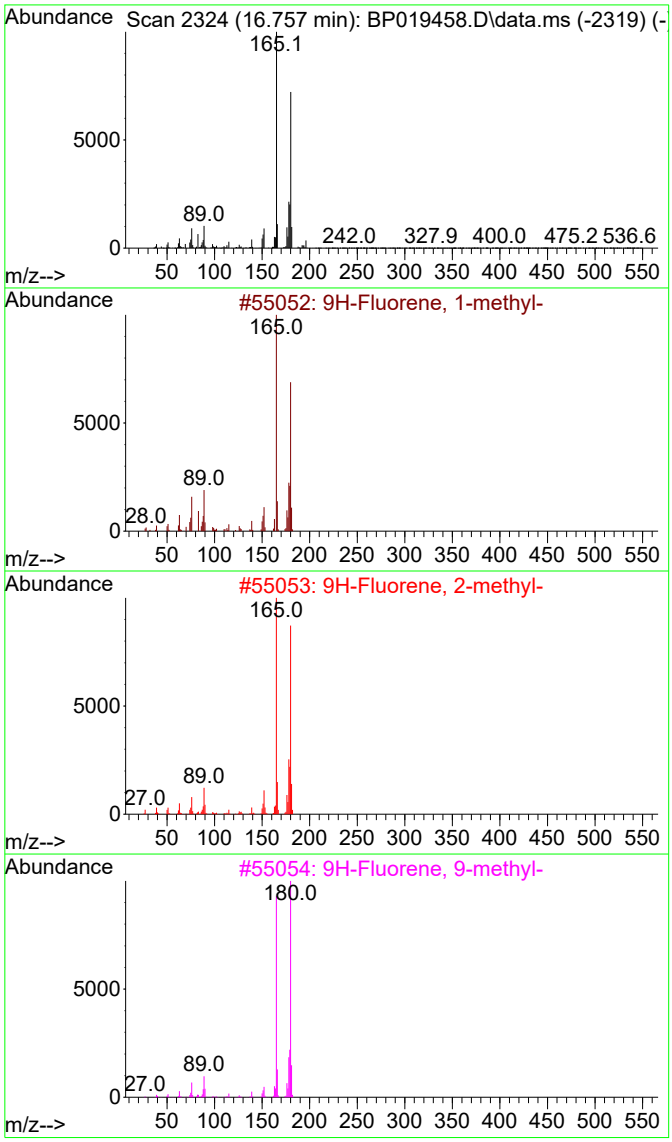
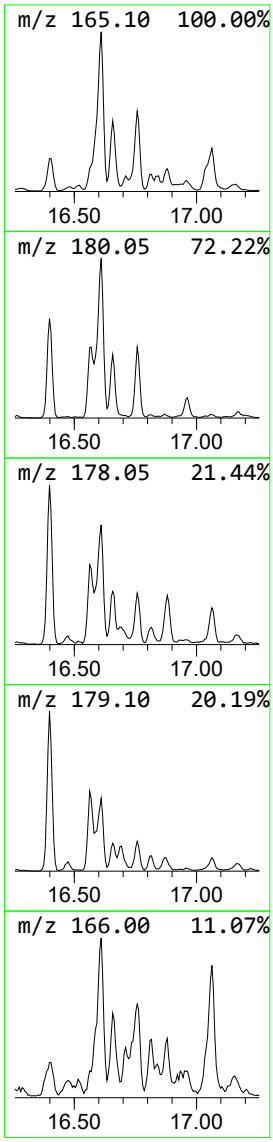
Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.757	12.39 ng	536679	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	81
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	78





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-223

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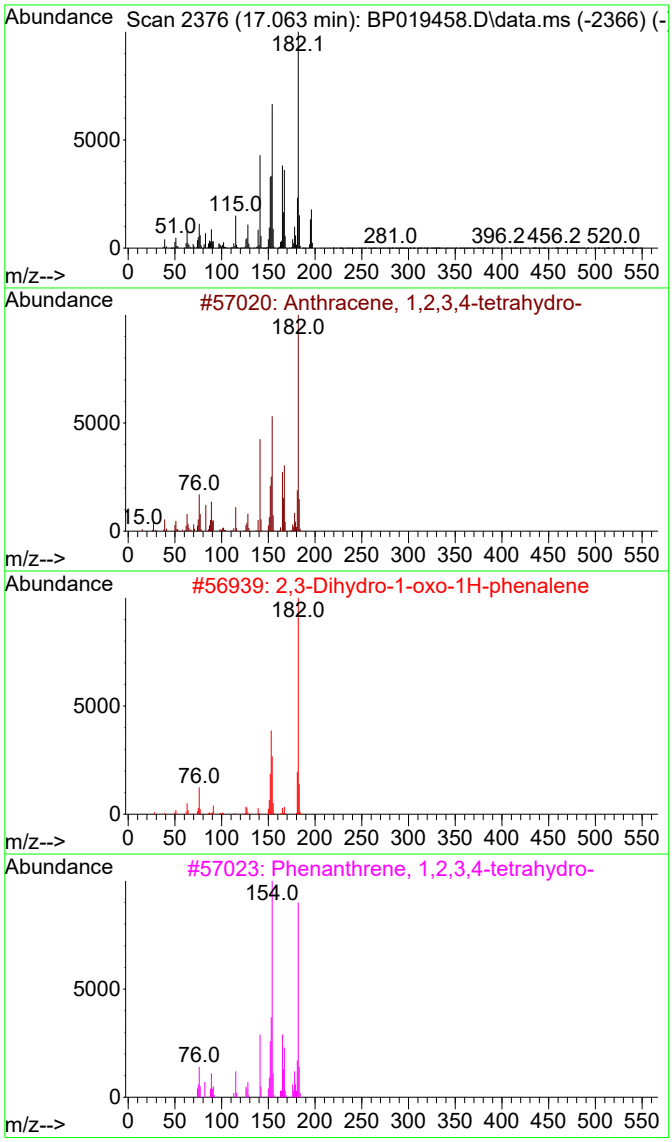
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

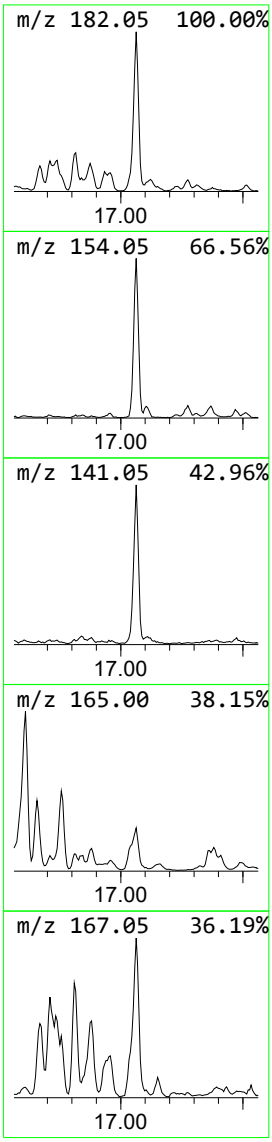
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.063	36.25 ng	1570310	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	97
2	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	86
3	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	70
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	56
5	Naphthalene, 2-ethenyl-	154	C12H10	000827-54-3	53





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Acq On : 26 Jan 2024 21:18
Operator : MA/JU
Sample : P1240-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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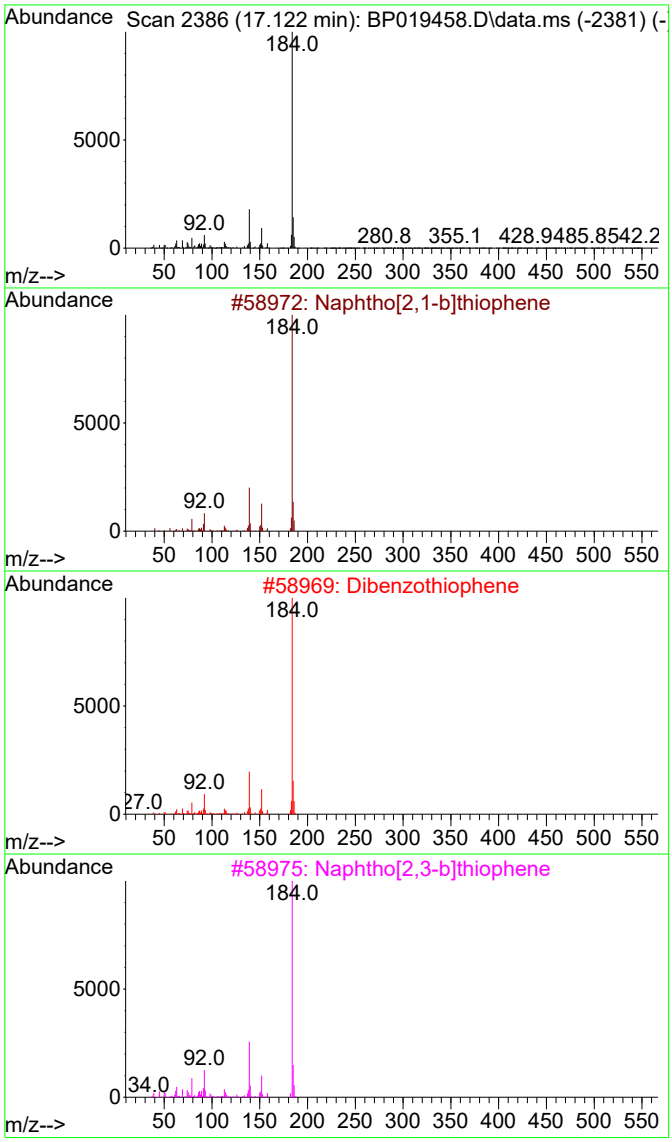
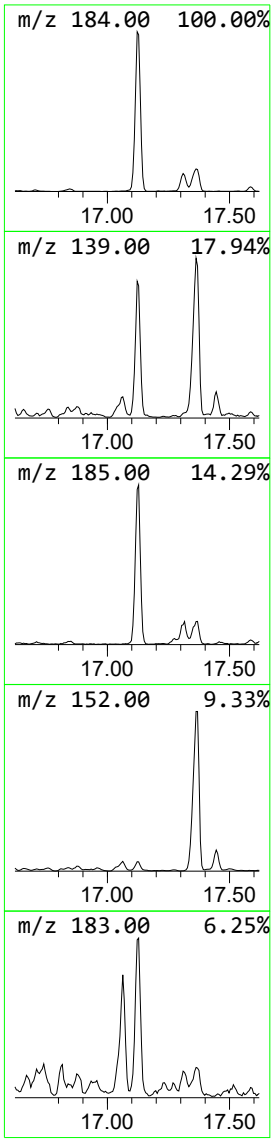
Peak Number 9 Naphtho[2,1-b]thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.122	31.27 ng	1354780	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	72





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Acq On : 26 Jan 2024 21:18
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Sample : P1240-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-223

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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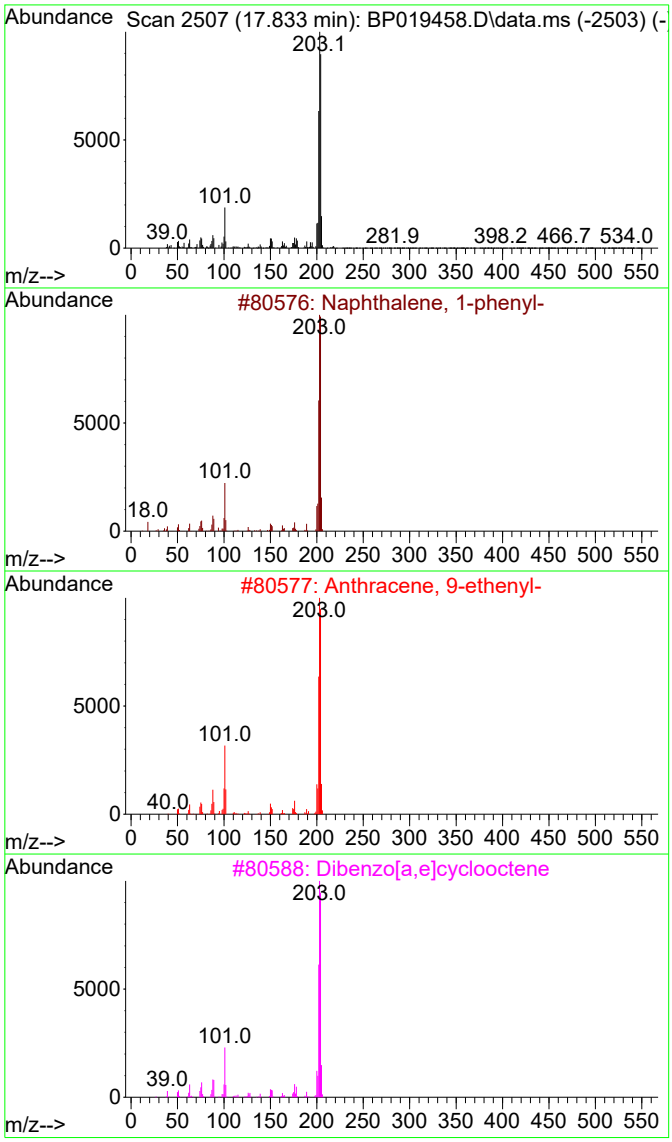
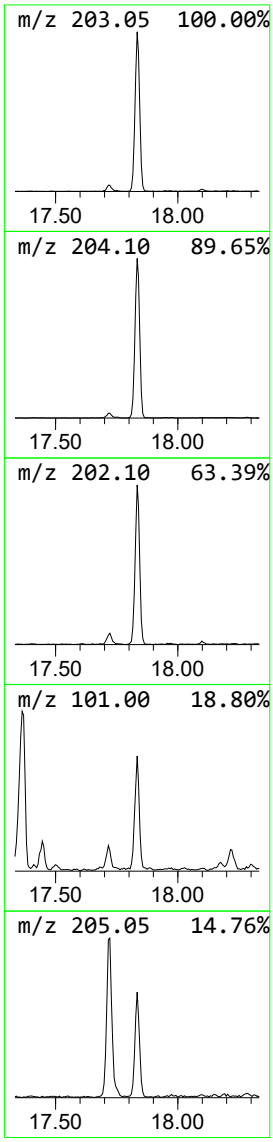
Peak Number 10 Naphthalene, 1-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.833	12.59 ng	545643	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	91
2	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
3	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
4	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	78
5	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	76





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Acq On : 26 Jan 2024 21:18
Operator : MA/JU
Sample : P1240-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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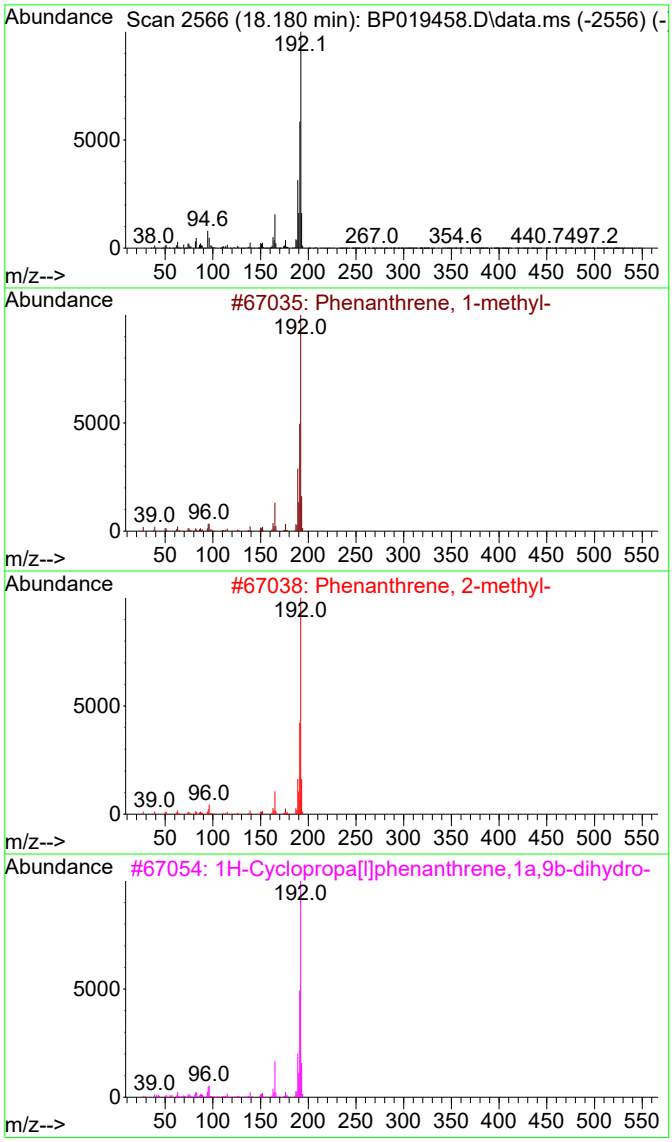
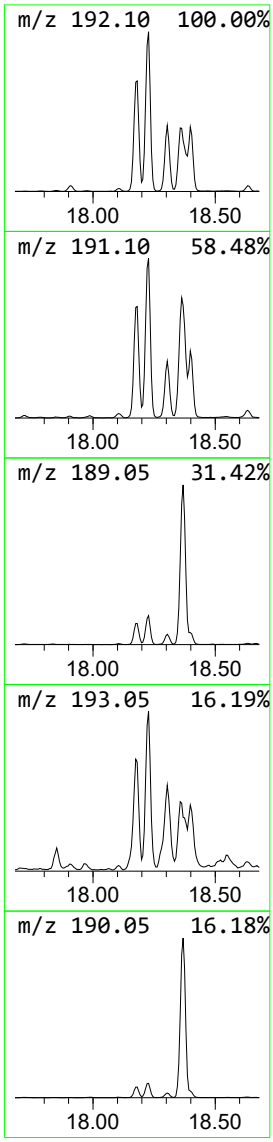
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.180	42.55 ng	1843380	Phenanthrene-d10	17.310

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93





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Acq On : 26 Jan 2024 21:18
Operator : MA/JU
Sample : P1240-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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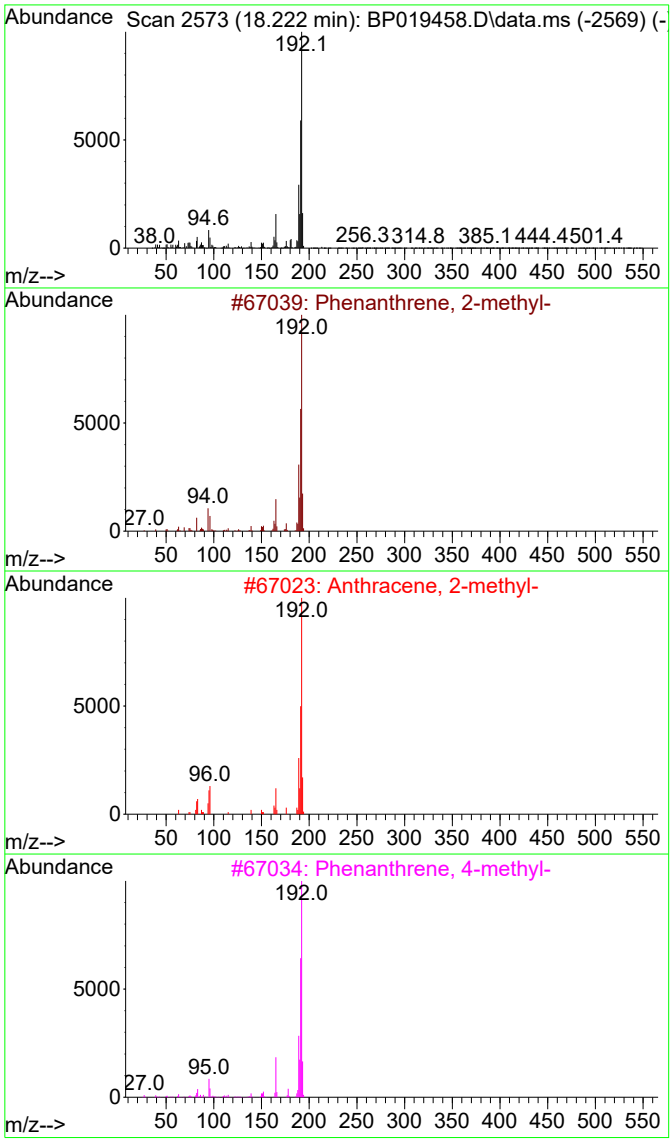
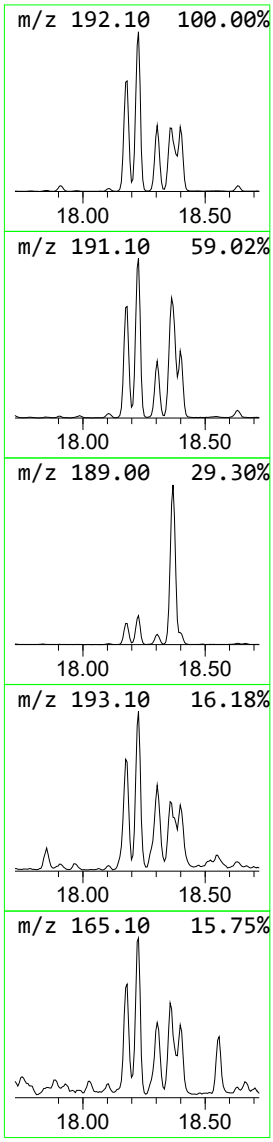
Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.222	61.94 ng	2683350	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Operator : MA/JU
Sample : P1240-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-223

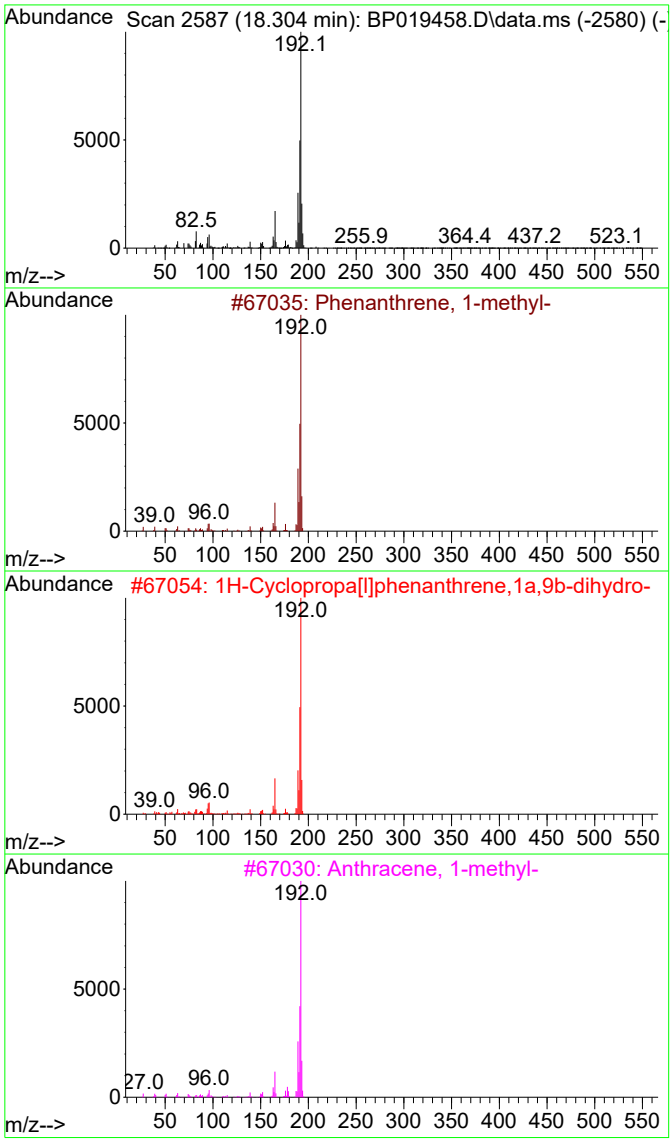
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

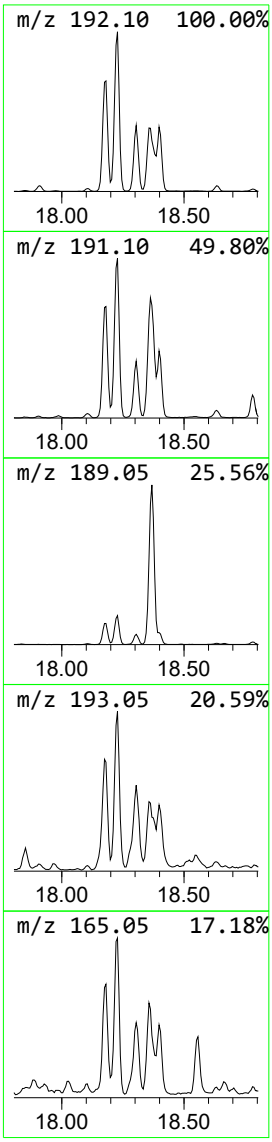
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	25.42 ng	1101180	Phenanthrene-d10	17.310

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





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Acq On : 26 Jan 2024 21:18
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Sample : P1240-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-223

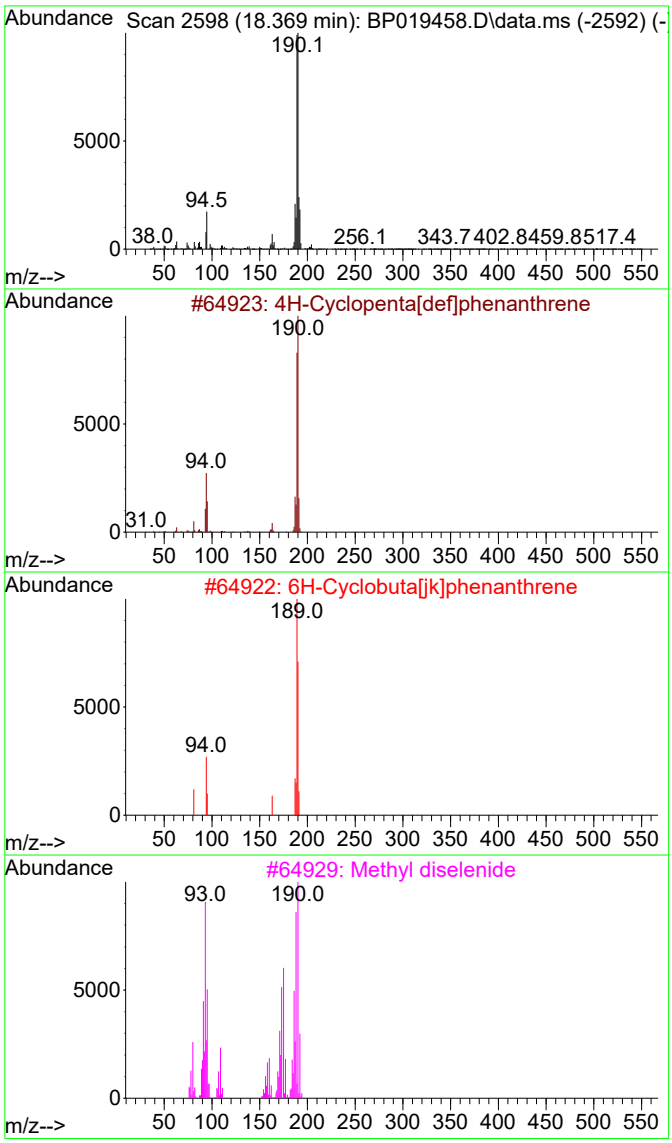
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

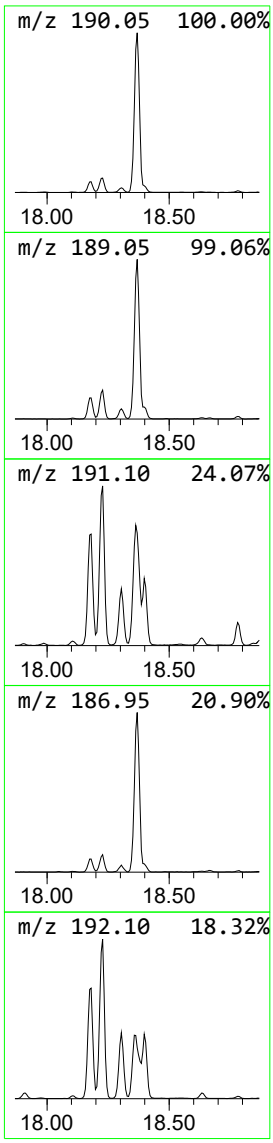
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.369	124.31 ng	5385450	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
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





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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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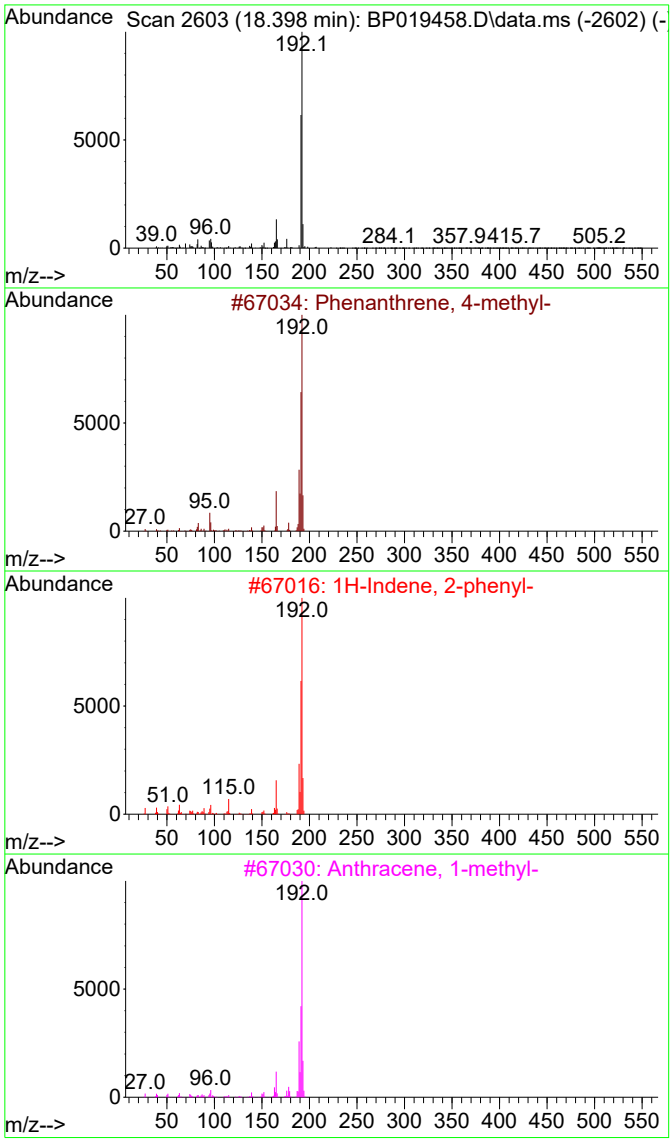
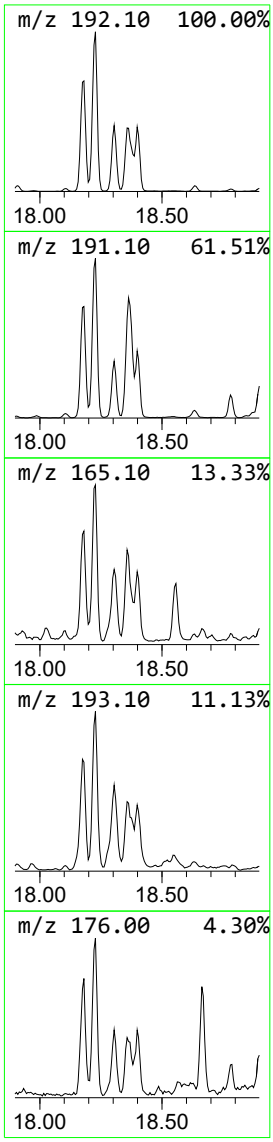
Peak Number 15 Phenanthrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.398	14.76 ng	639660	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	80
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	80





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ALS Vial : 17 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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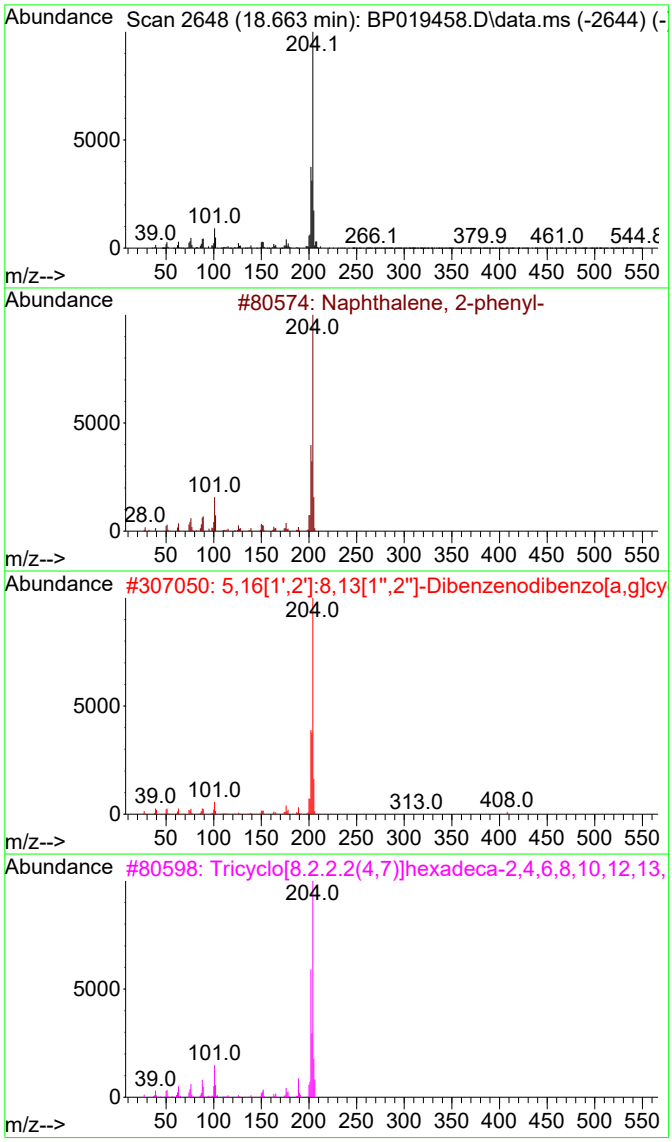
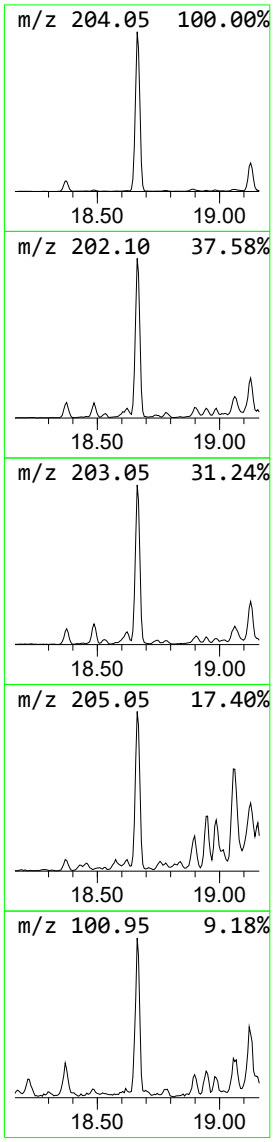
Peak Number 16 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.663	24.44 ng	1058700	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	64





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Data File : BP019458.D
Acq On : 26 Jan 2024 21:18
Operator : MA/JU
Sample : P1240-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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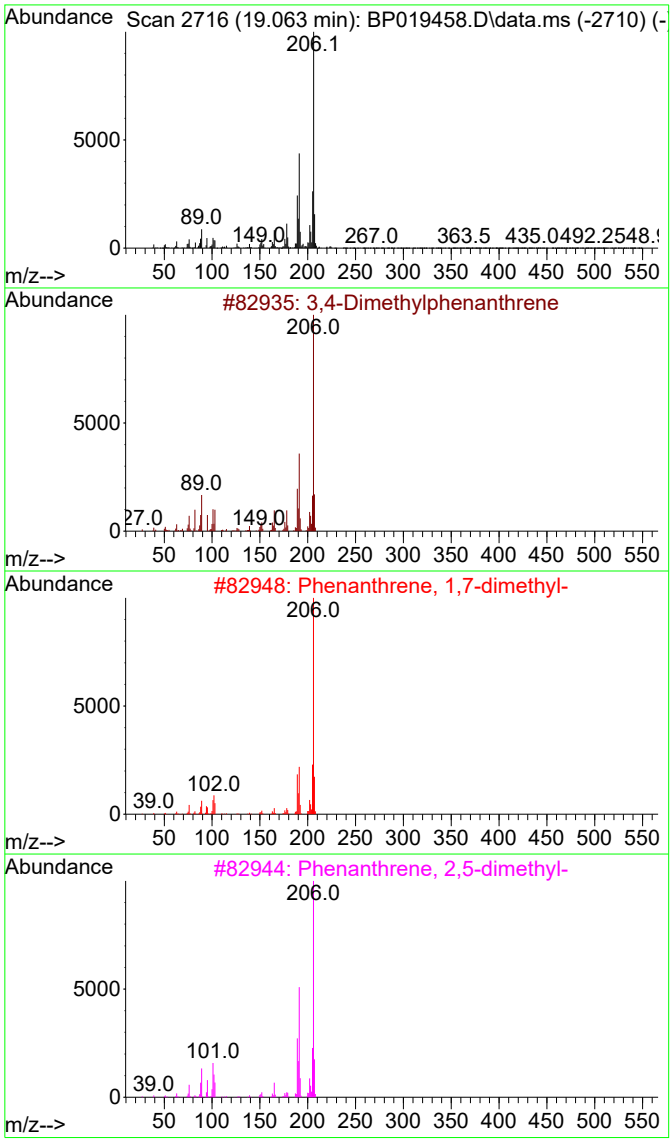
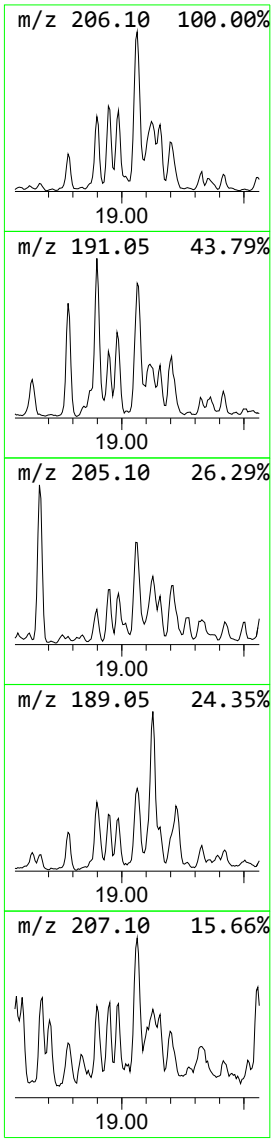
Peak Number 17 3,4-Dimethylphenanthrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.063	18.06 ng	782433	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	93
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91





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Data File : BP019458.D
Acq On : 26 Jan 2024 21:18
Operator : MA/JU
Sample : P1240-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-223

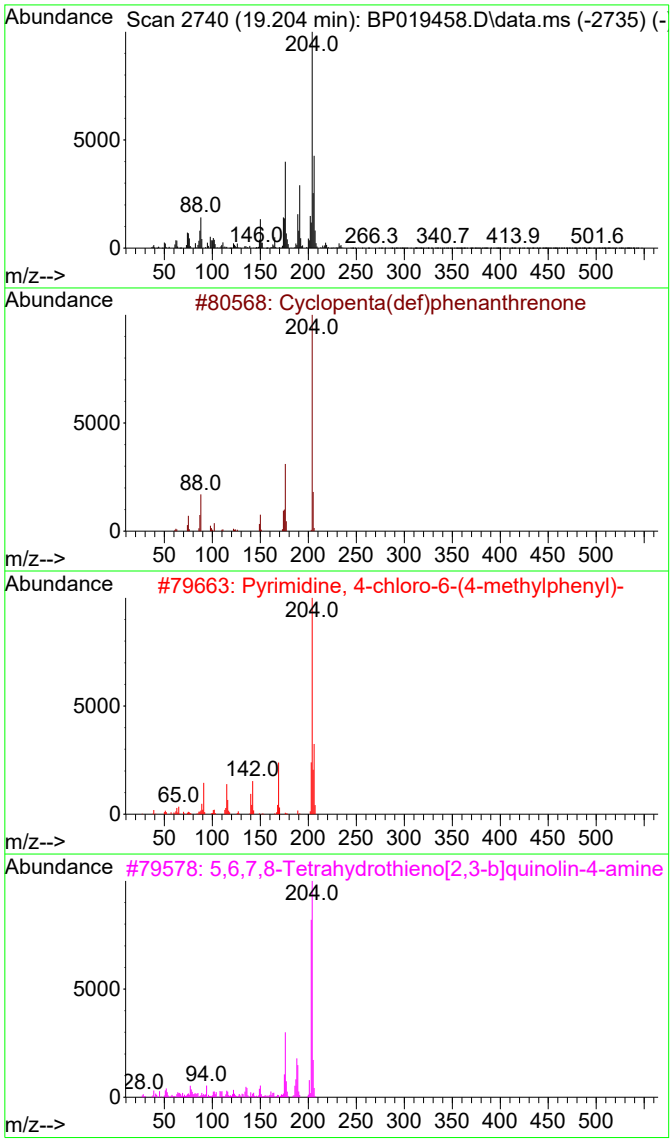
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

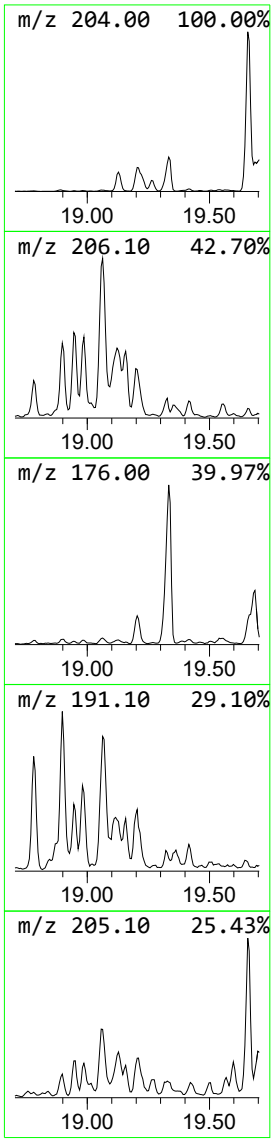
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.204	15.30 ng	662994	Phenanthrene-d10	17.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	78
2	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	47
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	47
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
5	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019458.D
Acq On : 26 Jan 2024 21:18
Operator : MA/JU
Sample : P1240-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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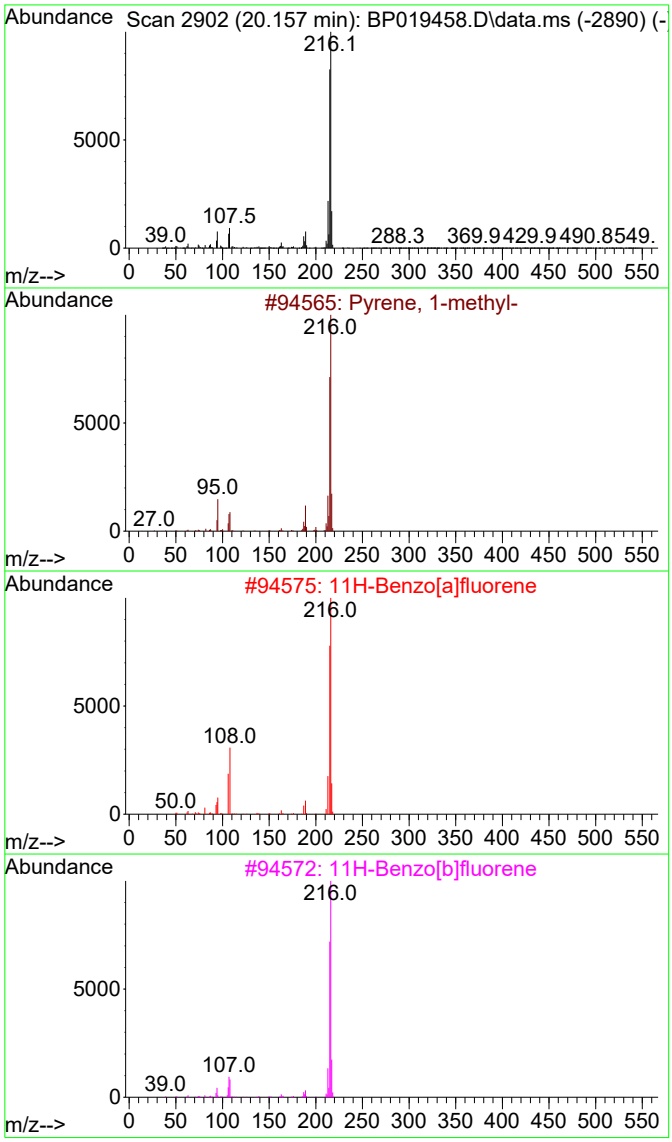
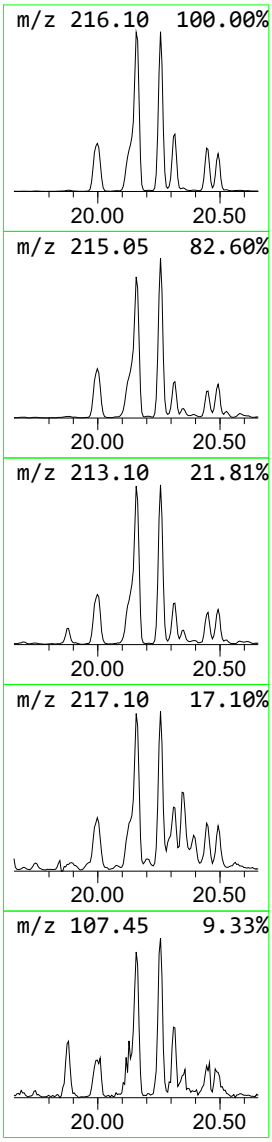
Peak Number 19 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.157	13.32 ng	3866700	Chrysene-d12	21.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Data File : BP019458.D
Acq On : 26 Jan 2024 21:18
Operator : MA/JU
Sample : P1240-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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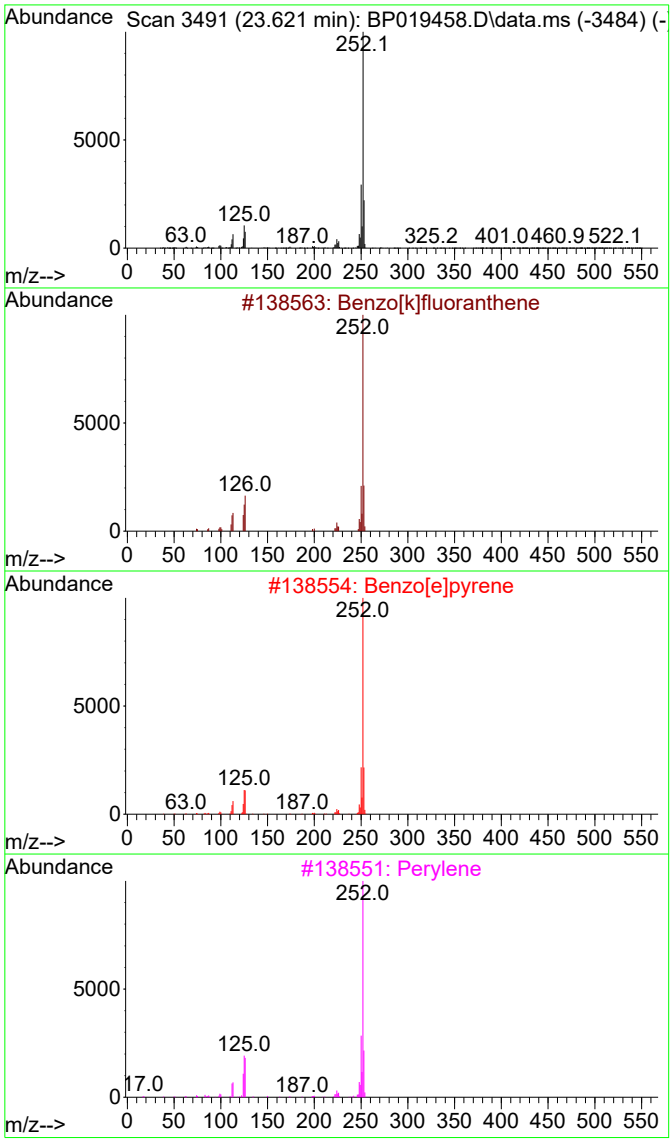
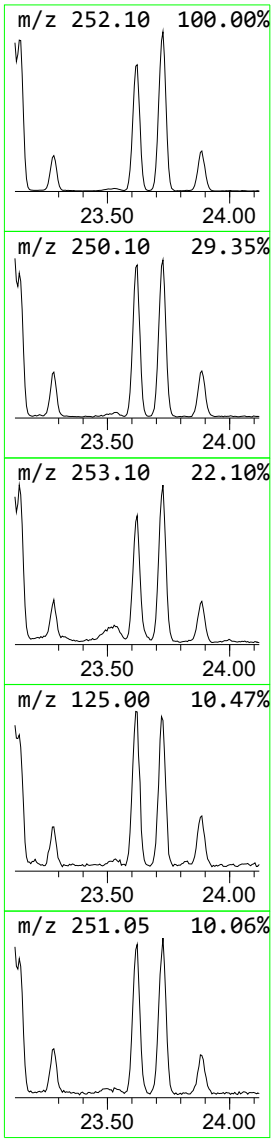
Peak Number 20 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.621	22.33 ng	1314700	Perylene-d12	23.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2	Benzo[e]pyrene	252	C20H12	000192-97-2	97
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012624\
Data File : BP019458.D
Acq On : 26 Jan 2024 21:18
Operator : MA/JU
Sample : P1240-07
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VNJ-223

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP012624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1,...	13.869	15.4	ng	905604	3	14.551	1177590	20.0
Fluorene, 2,4a-...	15.763	20.4	ng	1201810	3	14.551	1177590	20.0
[1,1'-Biphenyl]...	15.898	21.6	ng	1271990	3	14.551	1177590	20.0
1(2H)-Acenaphth...	16.281	18.6	ng	807441	4	17.310	866477	20.0
Phenanthrene, 1...	16.398	15.1	ng	652023	4	17.310	866477	20.0
9H-Fluorene, 2-...	16.610	24.3	ng	1052400	4	17.310	866477	20.0
9H-Fluorene, 1-...	16.757	12.4	ng	536679	4	17.310	866477	20.0
Anthracene, 1,2...	17.063	36.3	ng	1570310	4	17.310	866477	20.0
Naphtho[2,1-b]t...	17.122	31.3	ng	1354780	4	17.310	866477	20.0
Naphthalene, 1-...	17.833	12.6	ng	545643	4	17.310	866477	20.0
Phenanthrene, 1...	18.180	42.5	ng	1843380	4	17.310	866477	20.0
Phenanthrene, 2...	18.222	61.9	ng	2683350	4	17.310	866477	20.0
1H-Cyclopropa[l...	18.304	25.4	ng	1101180	4	17.310	866477	20.0
4H-Cyclopenta[d...	18.369	124.3	ng	5385450	4	17.310	866477	20.0
Phenanthrene, 4...	18.398	14.8	ng	639660	4	17.310	866477	20.0
Naphthalene, 2-...	18.663	24.4	ng	1058700	4	17.310	866477	20.0
3,4-Dimethylphe...	19.063	18.1	ng	782433	4	17.310	866477	20.0
Cyclopenta(def)...	19.204	15.3	ng	662994	4	17.310	866477	20.0
Pyrene, 1-methyl-	20.157	13.3	ng	3866700	5	21.410	5807370	20.0
Benzo[e]pyrene	23.621	22.3	ng	1314700	6	23.833	1177370	20.0