LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025334.D
Acq On : 08 Aug 2025 15:53
Operator : CG/JU
Sample : Q2779-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025334.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.967	3	5	14	rVB	108741	184700	2.90%	0.231%
2	3.043	14	18	36	rVB	314971	480033	7.54%	0.602%
3	4.949	337	342	348	rBV	79033	107456	1.69%	0.135%
4	5.408	413	420	428	rVB	756516	1150333	18.08%	1.442%
5	6.960	671	684	693	rBV	785601	1302539	20.47%	1.632%
6	7.802	820	827	836	rVB	1348101	2091437	32.87%	2.621%
7	8.049	865	869	874	rBV4	38981	82331	1.29%	0.103%
8	8.354	915	921	926	rBV2	45766	82352	1.29%	0.103%
9	8.484	939	943	948	rVB	36842	65597	1.03%	0.082%
10	8.690	973	978	987	rVB8	25518	65560	1.03%	0.082%
11	8.931	1004	1019	1025	rBV2	500847	1048265	16.47%	1.314%
12	9.025	1032	1035	1041	rVB	44487	70492	1.11%	0.088%
13	9.772	1157	1162	1169	rBV6	58460	101087	1.59%	0.127%
14	9.984	1193	1198	1206	rBV5	45764	111605	1.75%	0.140%
15	10.572	1291	1298	1304	rBV	1651133	3030145	47.62%	3.798%
16	10.625	1304	1307	1313	rVB	108975	171042	2.69%	0.214%
17	10.754	1325	1329	1333	rVB	50996	70595	1.11%	0.088%
18	11.619	1470	1476	1484	rBV	85540	171542	2.70%	0.215%
19	12.013	1537	1543	1550	rBV4	41022	91132	1.43%	0.114%
20	12.231	1574	1580	1588	rVB2	92922	174708	2.75%	0.219%
21	12.442	1612	1616	1622	rVB	72289	115743	1.82%	0.145%
22	12.784	1667	1674	1678	rBV7	53529	94909	1.49%	0.119%
23	12.972	1702	1706	1711	rBV2	69601	95207	1.50%	0.119%
24	13.037	1711	1717	1723	rVB	1271047	1920211	30.18%	2.407%
25	13.448	1784	1787	1796	rVB	30869	69589	1.09%	0.087%
26	13.578	1803	1809	1811	rBV3	64725	114523	1.80%	0.144%
27	13.742	1832	1837	1842	rBV	144568	215584	3.39%	0.270%
28	13.795	1843	1846	1851	rVB	54927	63948	1.00%	0.080%
29	13.925	1863	1868	1872	rBV2	85826	116841	1.84%	0.146%
30	13.978	1872	1877	1881	rBV	68774	117859	1.85%	0.148%
31	14.142	1900	1905	1910	rBV2	145240	253390	3.98%	0.318%
32	14.425	1946	1953	1959	rBV	2519762	3906476	61.39%	4.896%
33	14.489	1959	1964	1970	rVB	362873	559620	8.79%	0.701%
34	14.825	2017	2021	2030	rVB2	191239	341118	5.36%	0.428%
35	14.907	2031	2035	2039	rVB	89905	120445	1.89%	0.151%
36	14.972	2042	2046	2056	rBV	195837	424704	6.67%	0.532%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025334.D
Acq On : 08 Aug 2025 15:53
Operator : CG/JU
Sample : Q2779-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.107	2066	2069	2075	rVB3	77936	107686	1.69%	0.135%
38	15.254	2090	2094	2099	rVB	499777	665700	10.46%	0.834%
39	15.489	2129	2134	2139	rVB	480334	713944	11.22%	0.895%
40	15.613	2152	2155	2158	rVB	116020	126018	1.98%	0.158%
41	15.648	2158	2161	2167	rVB4	103250	160234	2.52%	0.201%
42	15.731	2167	2175	2180	rBV3	145437	326552	5.13%	0.409%
43	15.795	2180	2186	2194	rVB4	192751	436748	6.86%	0.547%
44	15.931	2203	2209	2218	rBV2	1137646	1649227	25.92%	2.067%
45	16.189	2248	2253	2254	rBV4	83307	116845	1.84%	0.146%
46	16.219	2255	2258	2263	rVB	301518	406832	6.39%	0.510%
47	16.513	2306	2308	2313	rVB3	131504	148991	2.34%	0.187%
48	16.566	2313	2317	2322	rBV2	130204	187452	2.95%	0.235%
49	16.619	2323	2326	2331	rVV6	76276	108331	1.70%	0.136%
50	16.966	2381	2385	2390	rBV4	75893	157436	2.47%	0.197%
51	17.036	2390	2397	2399	rVV	176745	362287	5.69%	0.454%
52	17.066	2399	2402	2409	rVB	222894	314656	4.94%	0.394%
53	17.225	2423	2429	2432	rBV	2951155	4275302	67.19%	5.358%
54	17.266	2432	2436	2442	rVB	3109686	4882575	76.73%	6.119%
55	17.360	2447	2452	2458	rVV	794366	1220938	19.19%	1.530%
56	17.425	2458	2463	2469	rVV2	120749	232369	3.65%	0.291%
57	17.630	2495	2498	2504	rVB	116908	187388	2.94%	0.235%
58	17.689	2505	2508	2512	rVB2	107205	130486	2.05%	0.164%
59	17.766	2518	2521	2525	rVB	131623	147540	2.32%	0.185%
60	18.130	2579	2583	2587	rBV	471581	744657	11.70%	0.933%
61	18.177	2587	2591	2598	rVB2	1367094	2224211	34.95%	2.788%
62	18.266	2602	2606	2611	rVB	242444	353032	5.55%	0.442%
63	18.330	2611	2617	2621	rBV2	937859	1732790	27.23%	2.172%
64	18.366	2621	2623	2628	rVB	408768	452077	7.10%	0.567%
65	18.648	2667	2671	2674	rBV	297009	437724	6.88%	0.549%
66	18.907	2712	2715	2720	rVB3	203602	319241	5.02%	0.400%
67	18.954	2720	2723	2724	rBV	126225	132883	2.09%	0.167%
68	19.101	2743	2748	2752	rVB	377173	554416	8.71%	0.695%
69	19.148	2752	2756	2760	rBV2	313030	522774	8.22%	0.655%
70	19.224	2766	2769	2773	rBV	190698	288333	4.53%	0.361%
71	19.348	2785	2790	2799	rBV	4394064	6116548	96.12%	7.666%
72	19.430	2800	2804	2808	rVV2	753711	961240	15.11%	1.205%
73	19.507	2813	2817	2821	rBV3	313450	450454	7.08%	0.565%
74	19.724	2845	2854	2864	rBV	3600143	6039197	94.91%	7.569%
75	19.948	2887	2892	2903	rVB	2002891	3215955	50.54%	4.031%
76	20.177	2927	2931	2935	rBV	846100	1014722	15.95%	1.272%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
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Acq On : 08 Aug 2025 15:53
Operator : CG/JU
Sample : Q2779-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.248	2940	2943	2948	rVB	849638	1069539	16.81%	1.340%
78	20.348	2956	2960	2963	rBV2	550861	678150	10.66%	0.850%
79	21.060	3078	3081	3086	rVB2	479946	647534	10.18%	0.812%
80	21.618	3172	3176	3179	rBV	327349	519752	8.17%	0.651%
81	21.677	3179	3186	3191	rVV2	2597694	6363238	100.00%	7.975%
82	21.718	3191	3193	3201	rVB	1238613	1913951	30.08%	2.399%
83	24.001	3574	3581	3589	rBV	664397	2136286	33.57%	2.677%
84	24.918	3731	3737	3746	rVB	635428	1672286	26.28%	2.096%
85	25.071	3757	3763	3772	rVB	1150743	2980102	46.83%	3.735%

Sum of corrected areas: 79789747

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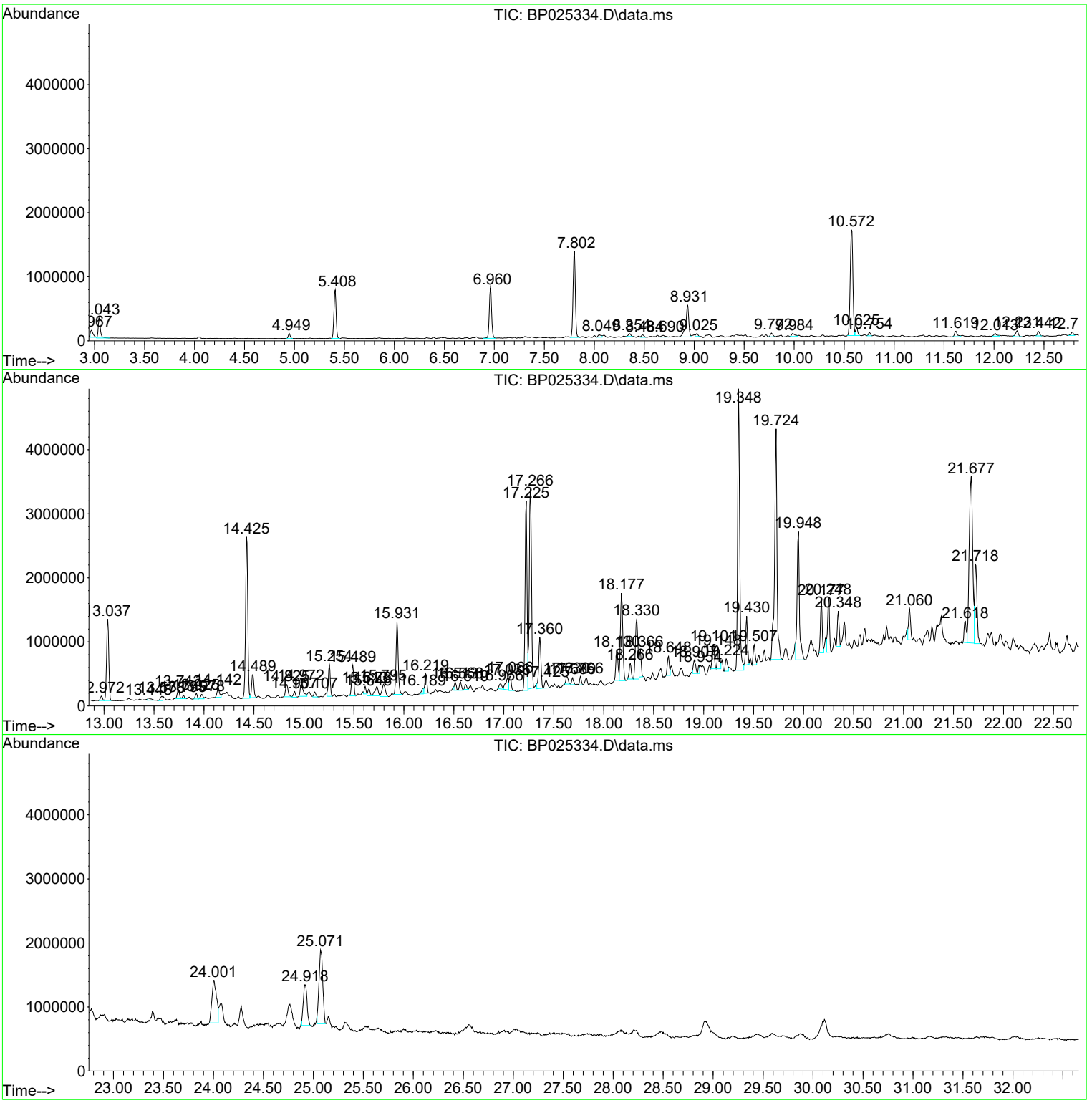
Acq On : 08 Aug 2025 15:53
Operator : CG/JU
Sample : Q2779-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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\BP080825\
Data File : BP025334.D
Acq On : 08 Aug 2025 15:53
Operator : CG/JU
Sample : Q2779-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

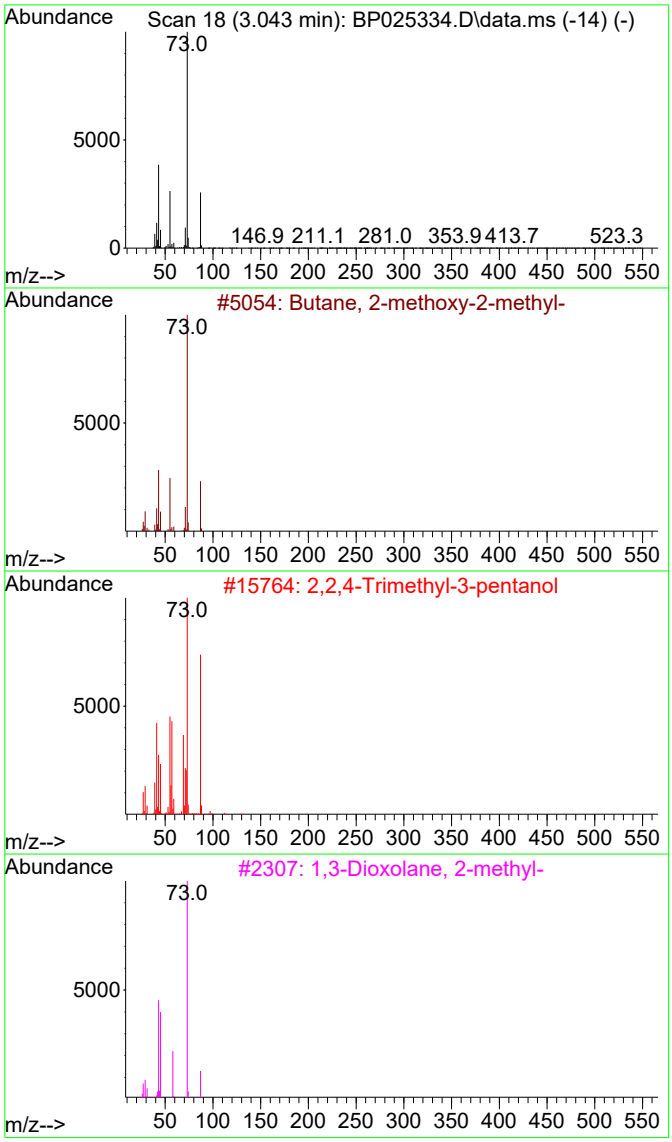
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

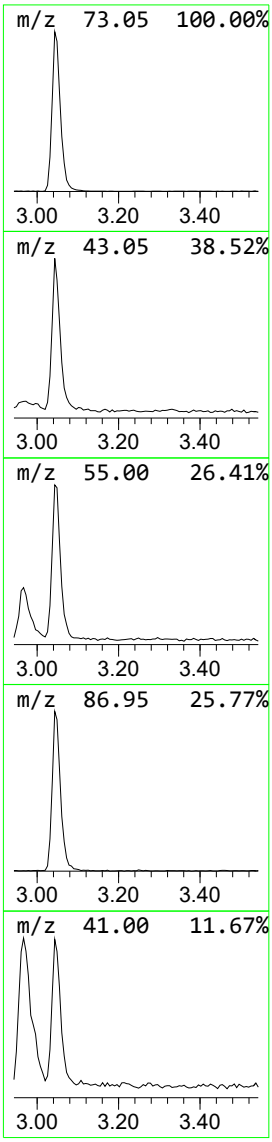
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.043	4.59 ng	480033	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	28
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025334.D
Acq On : 08 Aug 2025 15:53
Operator : CG/JU
Sample : Q2779-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

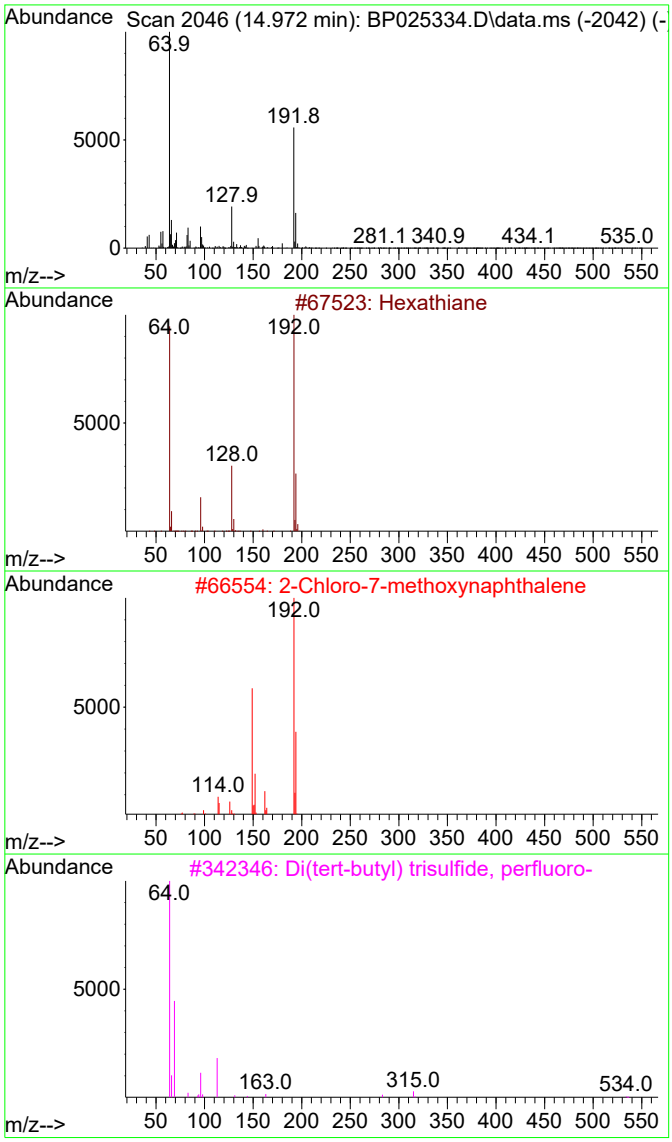
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

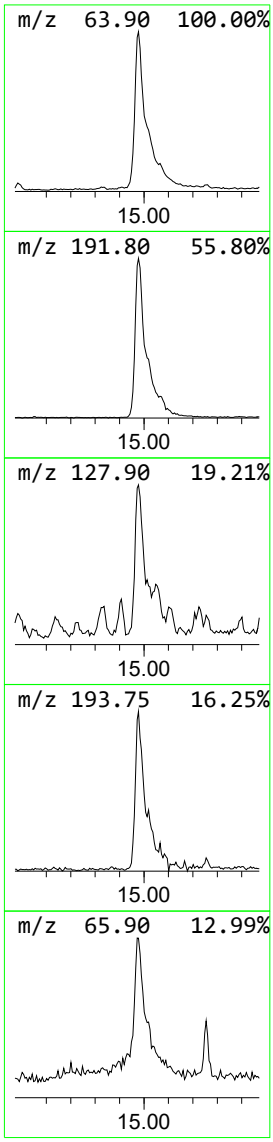
****

Peak Number 2 Hexathiane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.972	2.17 ng	424704	Acenaphthene-d10	14.425

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexathiane	192	S6	013798-23-7	94
2	2-Chloro-7-methoxynaphthalene	192	C11H9ClO	067061-67-0	9
3	Di(tert-butyl) trisulfide, perfl...	534	C8F18S3	016005-64-4	9
4	2-Nitroso-1-naphthol-4-sulfonic ...	253	C10H7NO5S	003682-32-4	9
5	Cyclic octaatomic sulfur	256	S8	010544-50-0	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025334.D
Acq On : 08 Aug 2025 15:53
Operator : CG/JU
Sample : Q2779-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

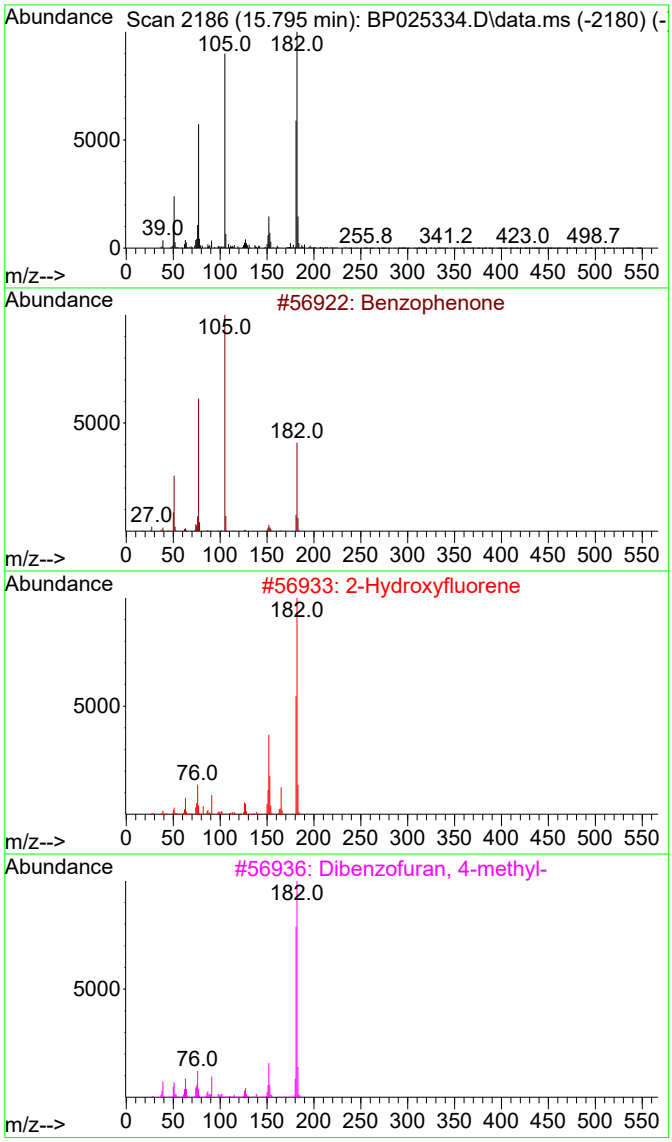
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

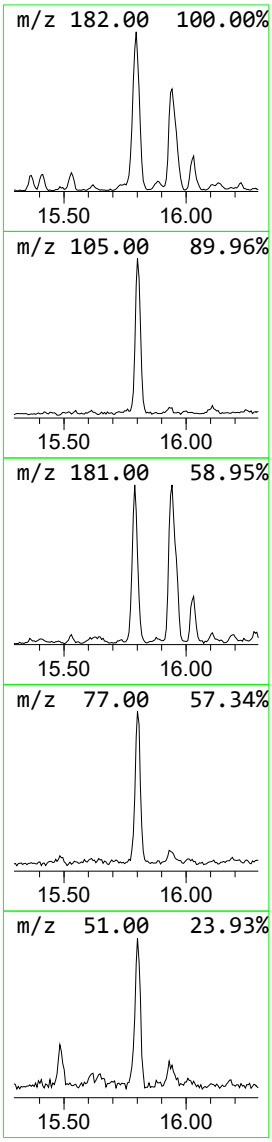
****

Peak Number 3 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.795	2.24 ng	436748	Acenaphthene-d10	14.425

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	87
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	64
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	53
4	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	53
5	Azobenzene	182	C12H10N2	000103-33-3	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025334.D
Acq On : 08 Aug 2025 15:53
Operator : CG/JU
Sample : Q2779-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

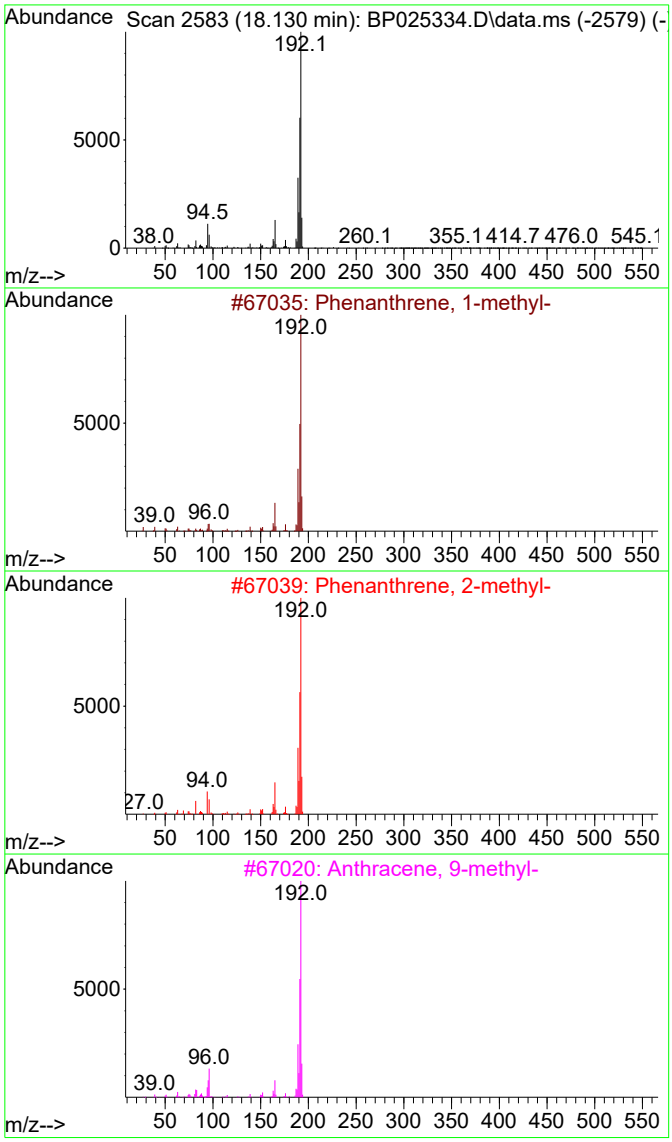
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

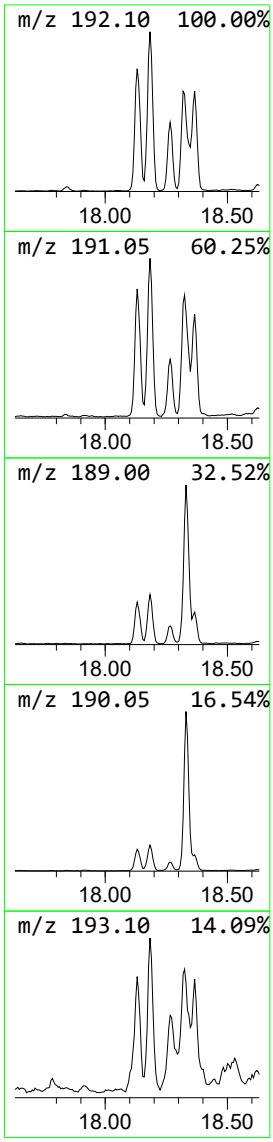
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.130	3.48 ng	744657	Phenanthrene-d10	17.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025334.D
Acq On : 08 Aug 2025 15:53
Operator : CG/JU
Sample : Q2779-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

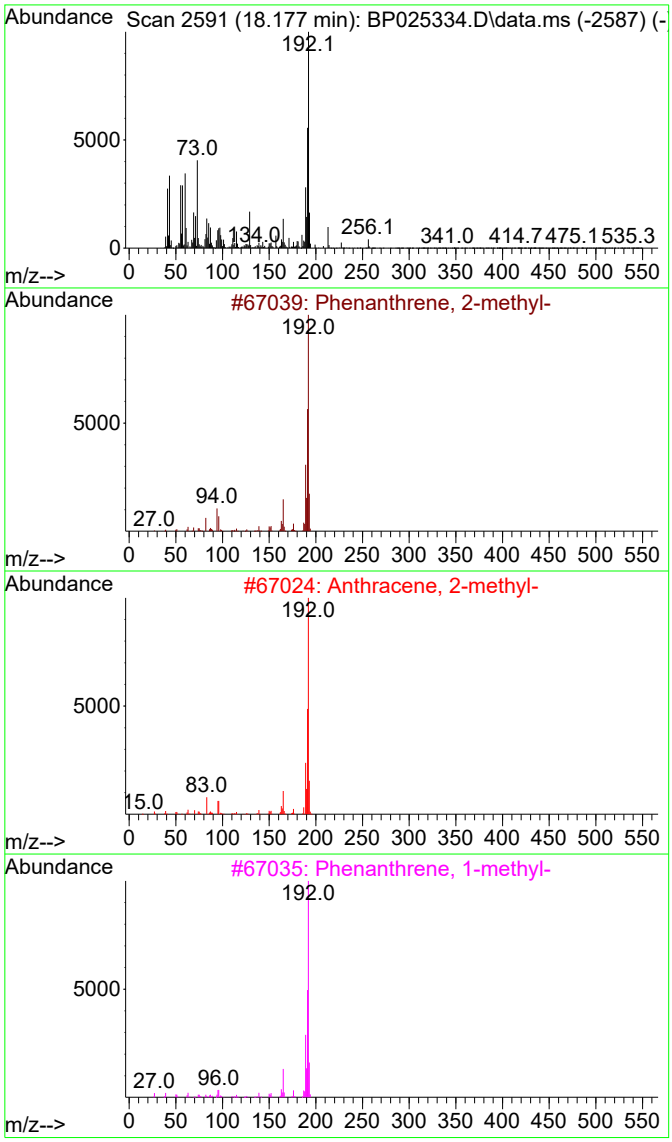
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

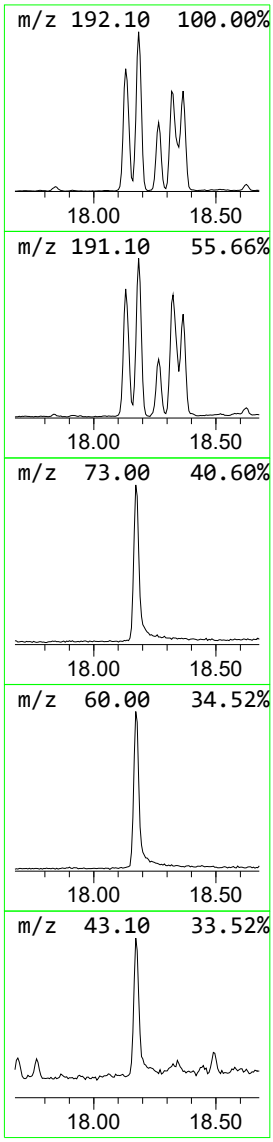
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.177	10.40 ng	2224210	Phenanthrene-d10	17.225

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	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080825\
Data File : BP025334.D
Acq On : 08 Aug 2025 15:53
Operator : CG/JU
Sample : Q2779-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

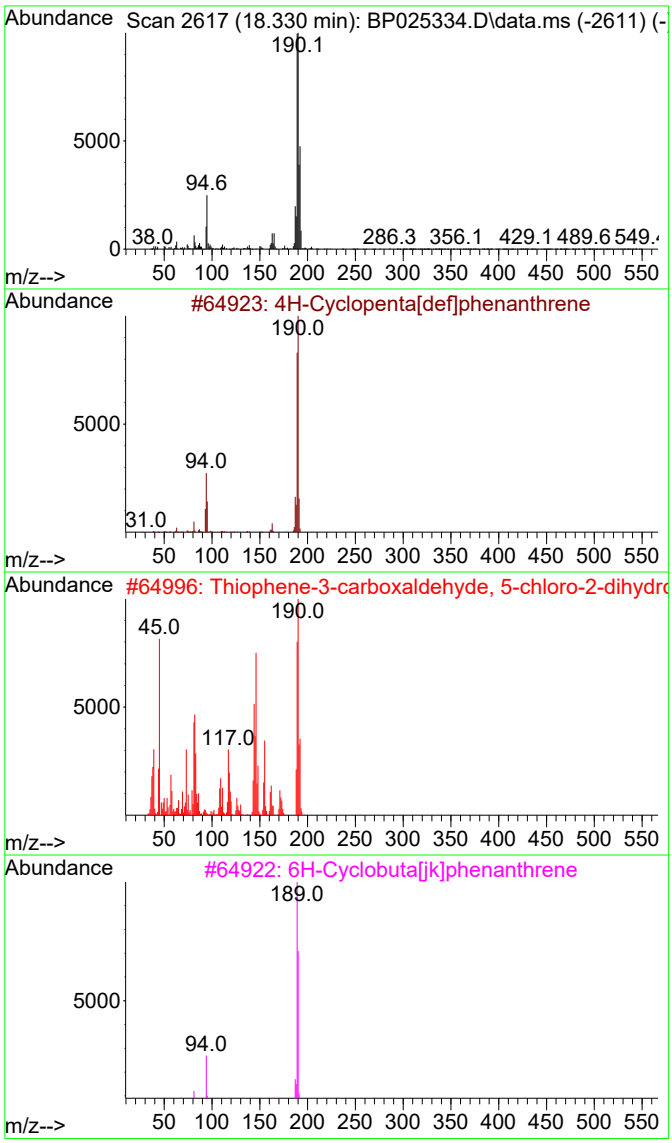
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

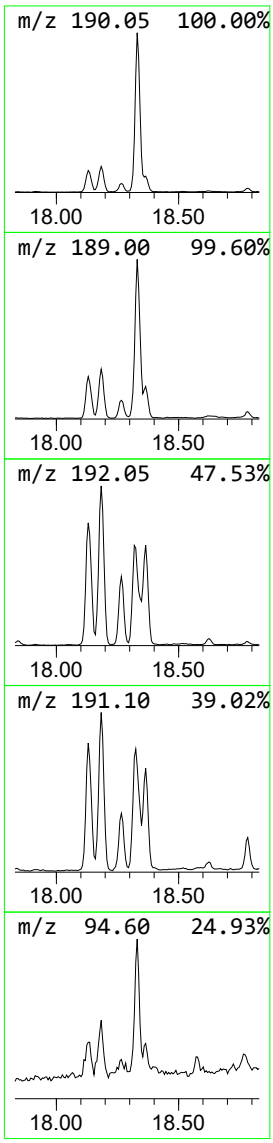
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.330	8.11 ng	1732790	Phenanthrene-d10	17.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37





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Data File : BP025334.D
Acq On : 08 Aug 2025 15:53
Operator : CG/JU
Sample : Q2779-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

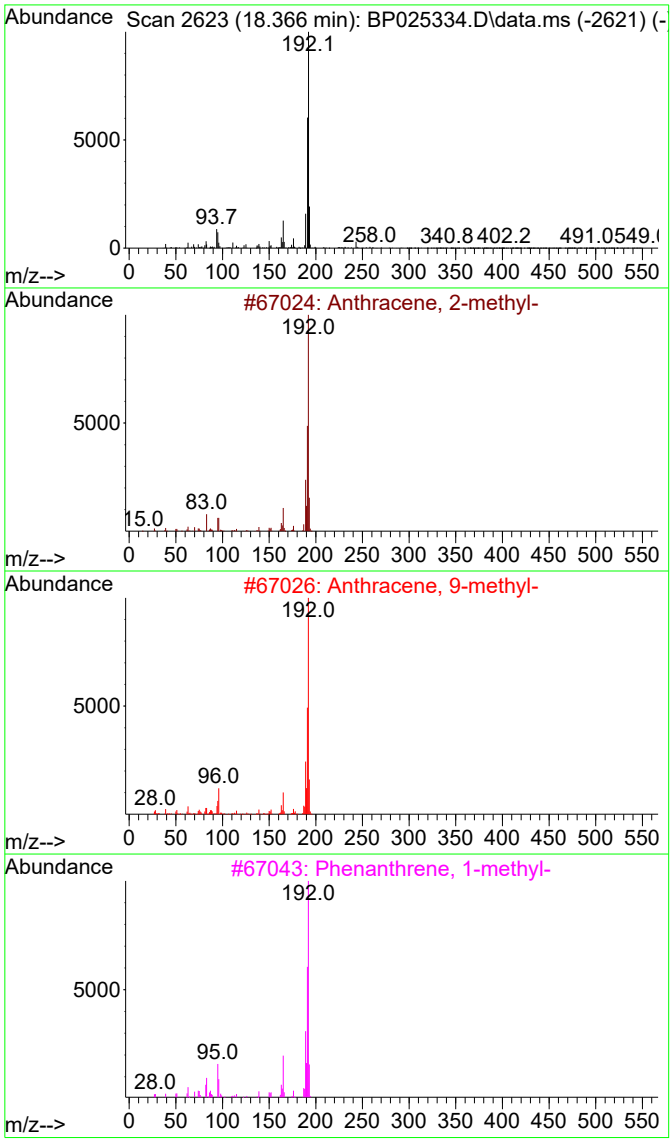
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

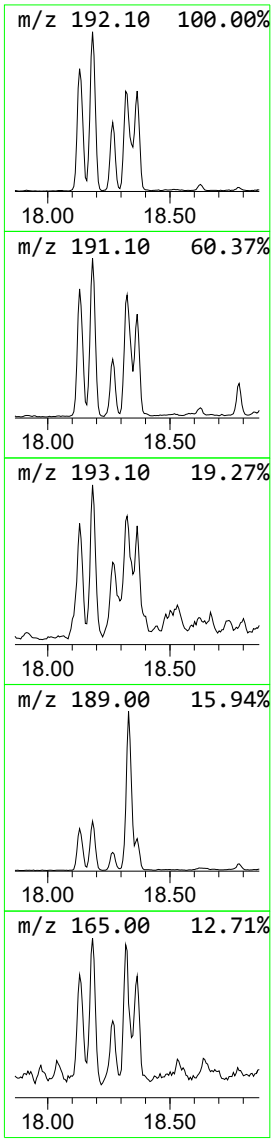
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.366	2.11 ng	452077	Phenanthrene-d10	17.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





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Acq On : 08 Aug 2025 15:53
Operator : CG/JU
Sample : Q2779-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

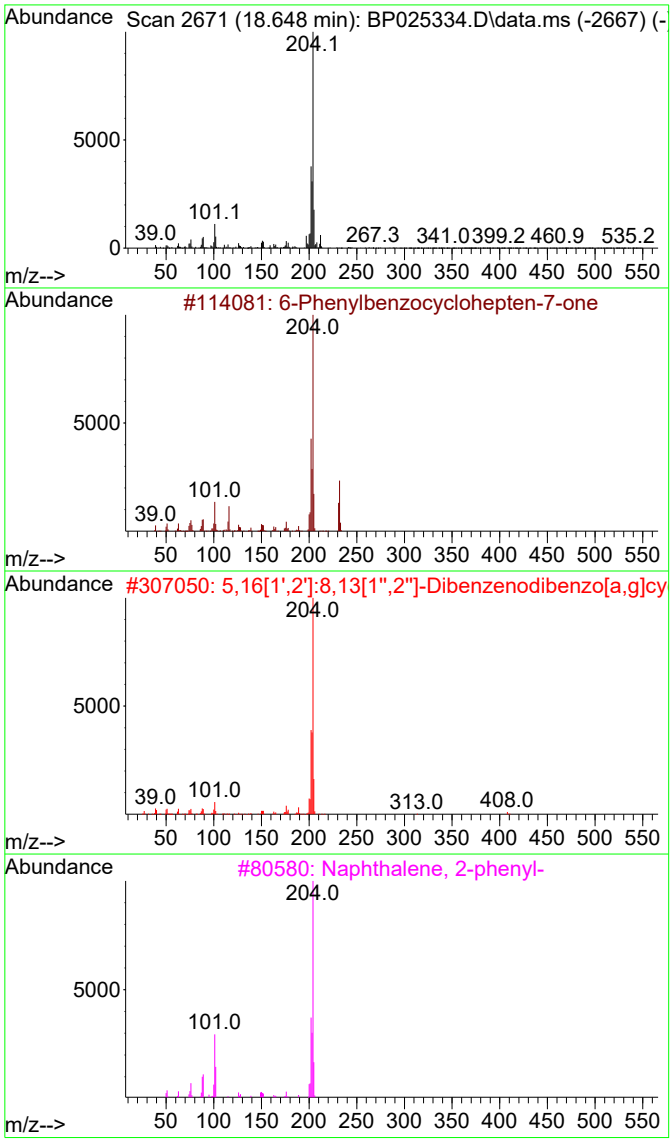
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

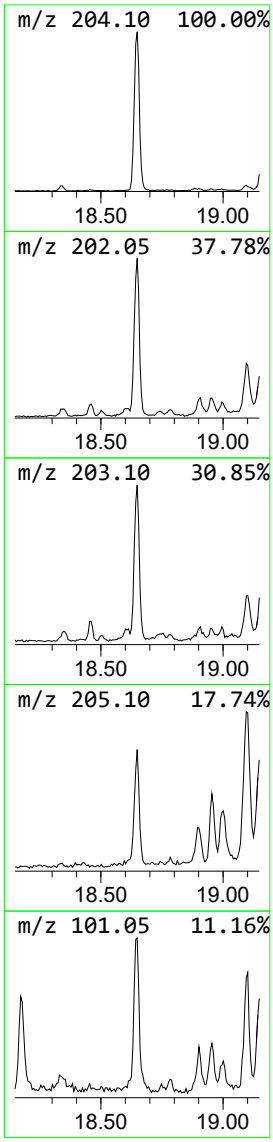
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 6-Phenylbenzocyclohepten-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.648	2.05 ng	437724	Phenanthrene-d10	17.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64





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Sample : Q2779-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

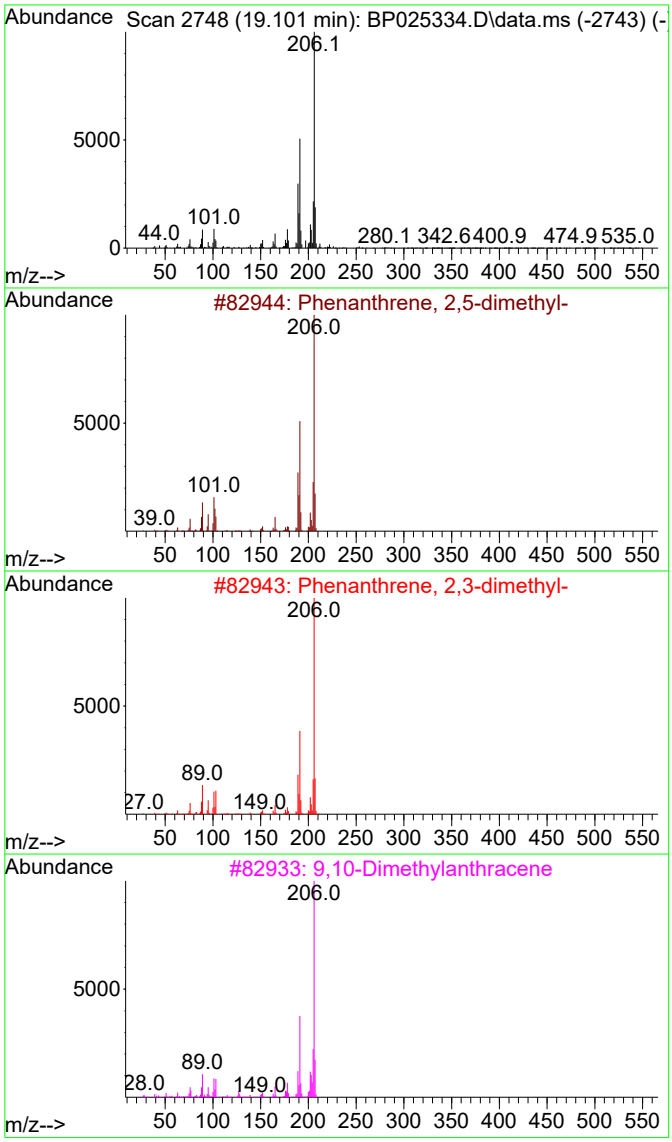
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

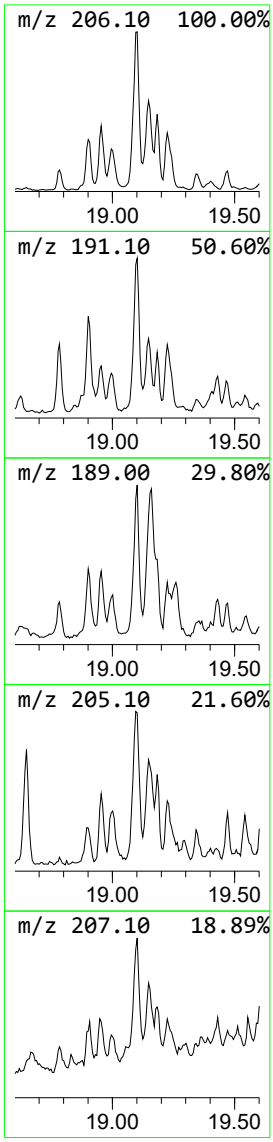
****

Peak Number 9 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.101	2.59 ng	554416	Phenanthrene-d10	17.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Acq On : 08 Aug 2025 15:53
Operator : CG/JU
Sample : Q2779-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

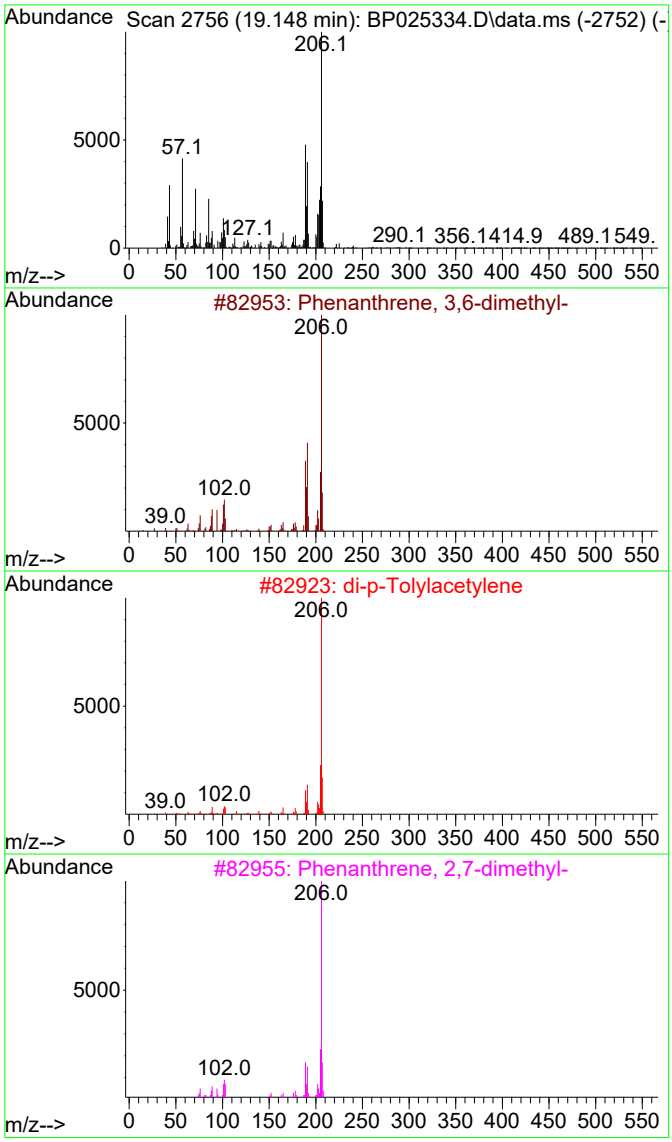
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

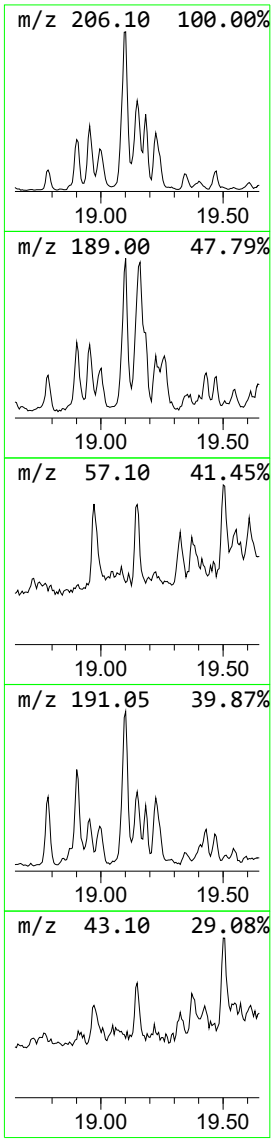
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.148	2.45 ng	522774	Phenanthrene-d10	17.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	81
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	60
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	60





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Operator : CG/JU
Sample : Q2779-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

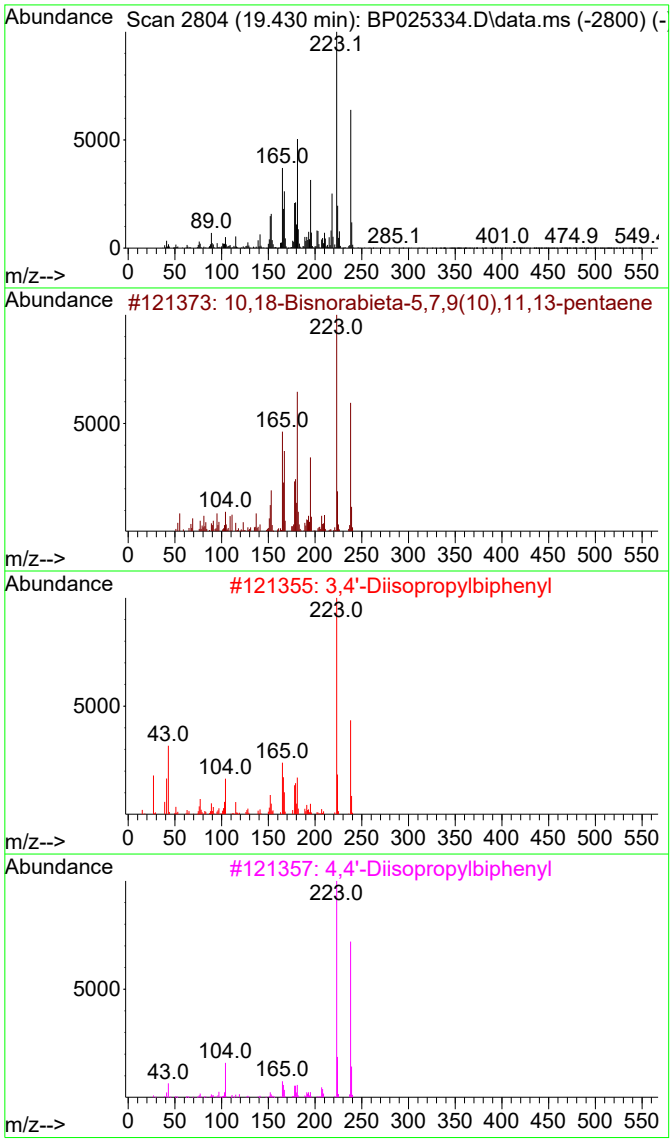
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

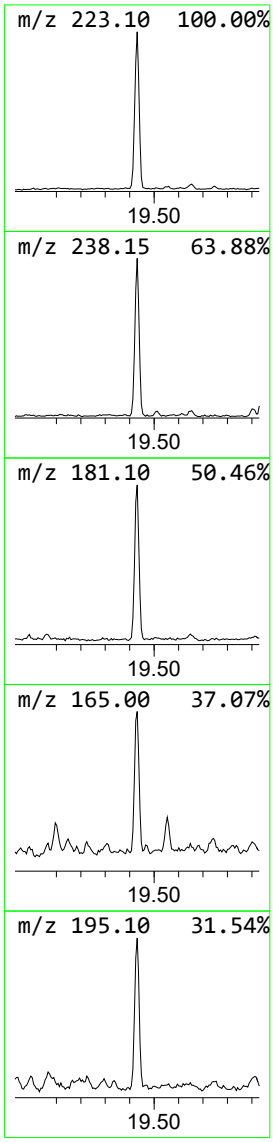
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.430	4.50 ng	961240	Phenanthrene-d10	17.225

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	70
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	55
4	Anthracene, 1,4-dimethoxy-	238	C16H14O2	013076-29-4	49
5	Phenol, 2,6-bis(1,1-dimethylethy...	238	C14H22OS	000950-59-4	46





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Operator : CG/JU
Sample : Q2779-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

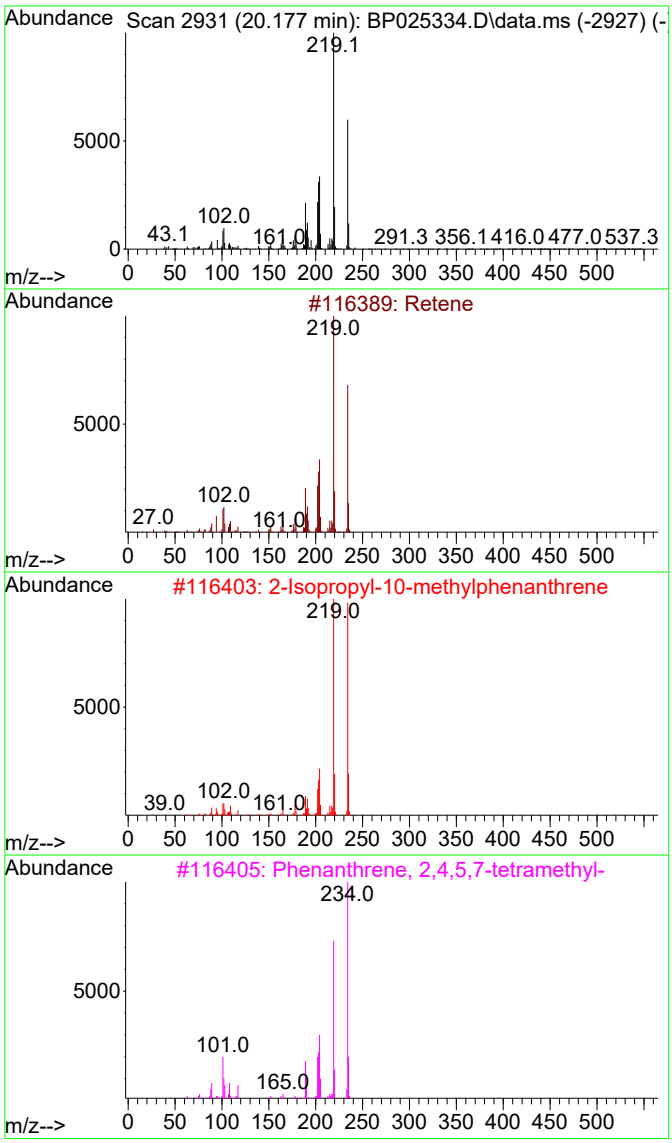
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

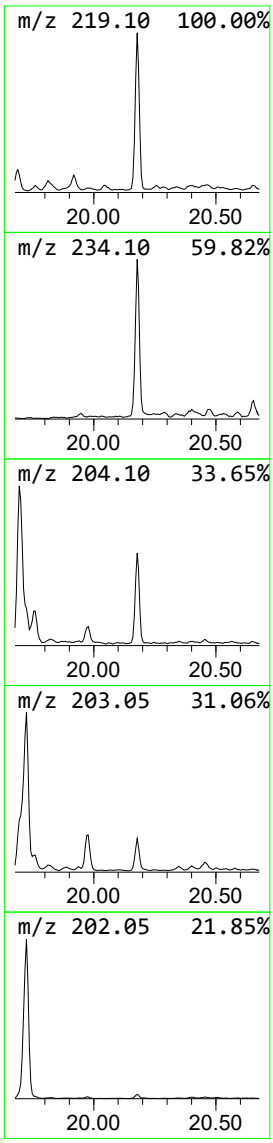
****

Peak Number 12 Retene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.177	3.19 ng	1014720	Chrysene-d12	21.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	62
4	Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	58
5	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	49





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Acq On : 08 Aug 2025 15:53
Operator : CG/JU
Sample : Q2779-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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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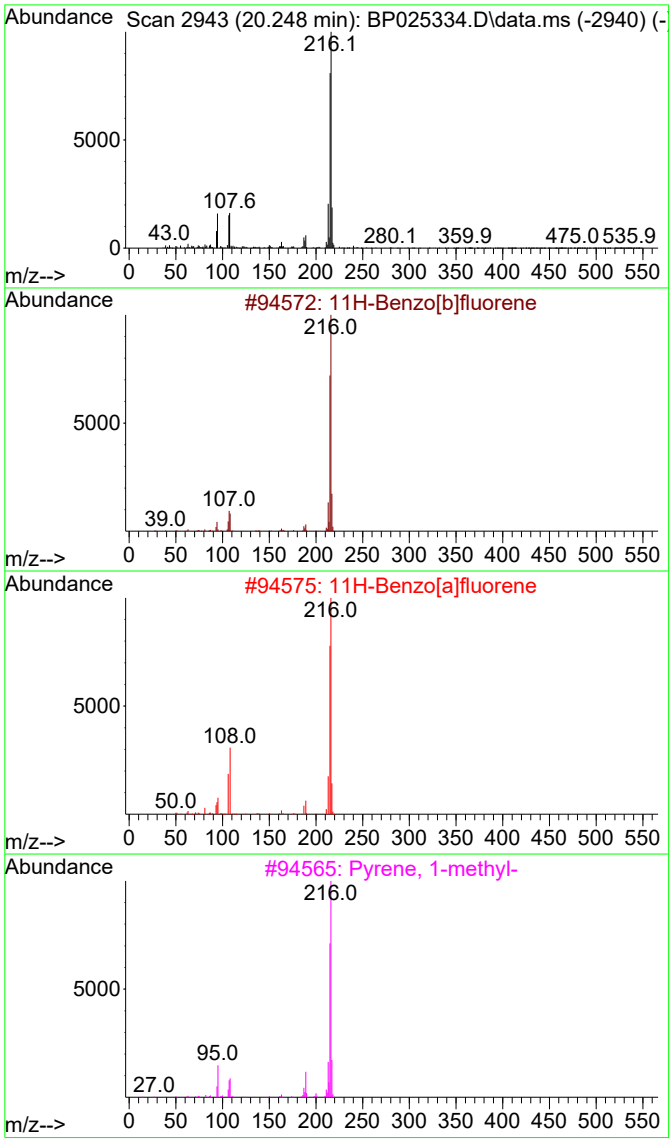
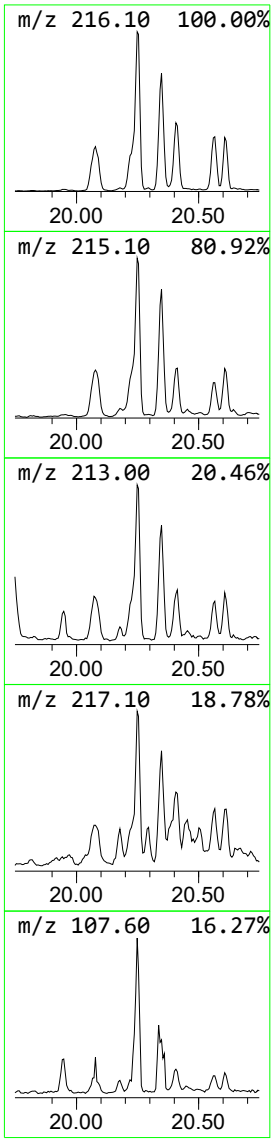
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.248	3.36 ng	1069540	Chrysene-d12	21.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	64
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58





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Operator : CG/JU
Sample : Q2779-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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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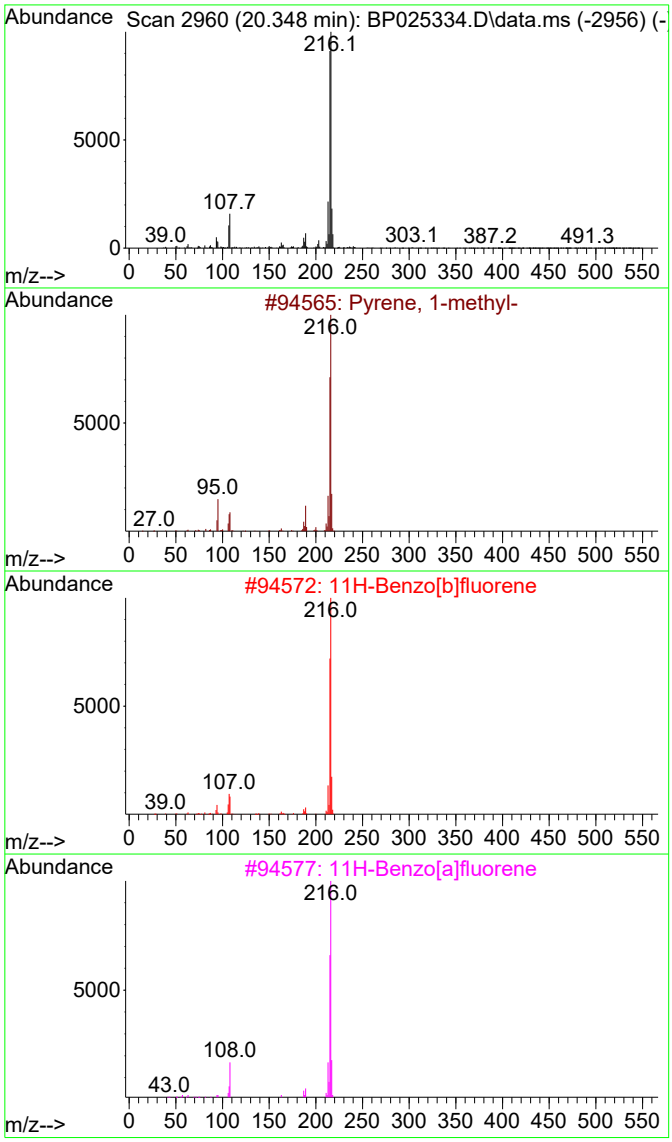
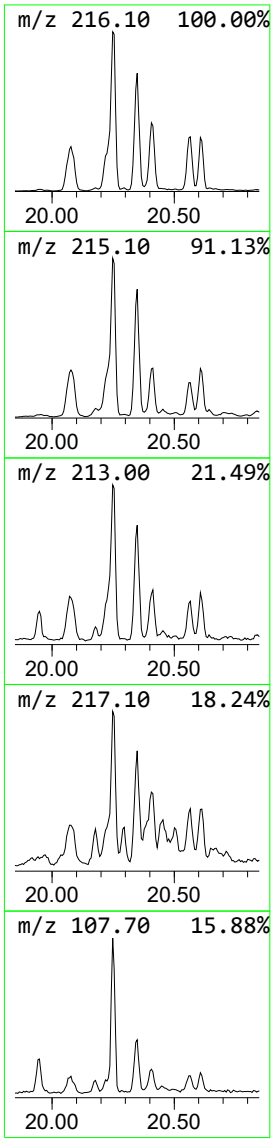
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.348	2.13 ng	678150	Chrysene-d12	21.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	62





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Sample : Q2779-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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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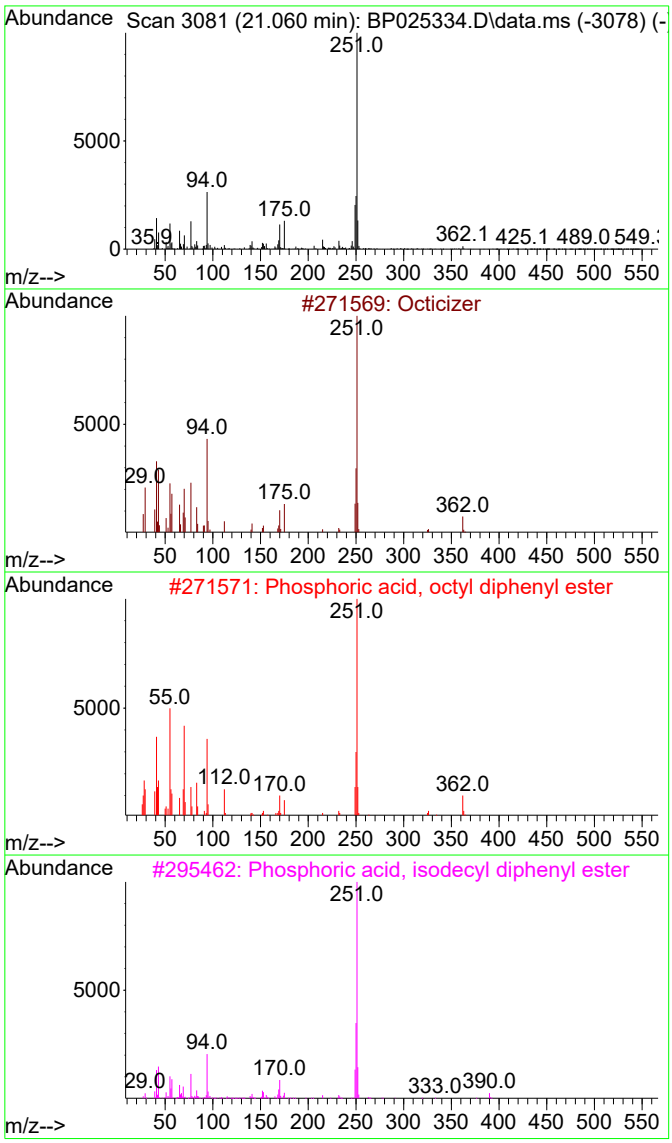
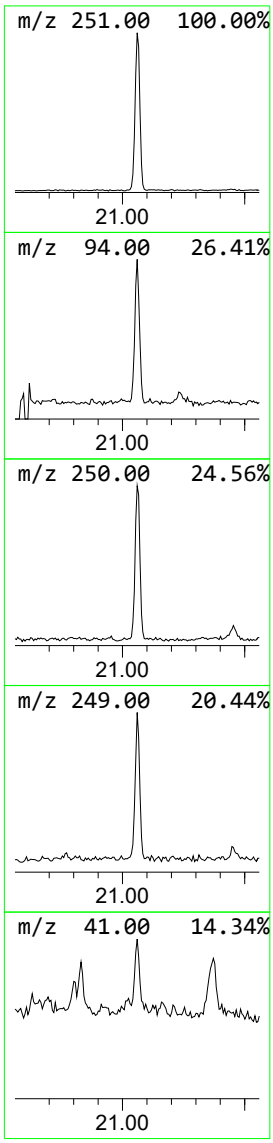
Peak Number 15 Octicizer Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.060	2.04 ng	647534	Chrysene-d12	21.683

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octicizer	362	C20H27O4P	001241-94-7	93
2	Phosphoric acid, octyl diphenyl ...	362	C20H27O4P	000115-88-8	81
3	Phosphoric acid, isodecyl diphen...	390	C22H31O4P	1346599-15-2	72
4	7H-Pyrazolo[4,3-E][1,2,4]triazol...	251	C12H9N7	1000310-01-6	47
5	7-Amino-2,3-dihydro-5-phenyl-1H-...	251	C15H13N3O	004928-02-3	38





Tentatively Identified Compound (LSC) summary

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Data File : BP025334.D
Acq On : 08 Aug 2025 15:53
Operator : CG/JU
Sample : Q2779-01 5X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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
Butane, 2-metho...	3.043	4.6	ng	480033	1	7.802	2091440	20.0
Hexathiane	14.972	2.2	ng	424704	3	14.425	3906480	20.0
Benzophenone	15.795	2.2	ng	436748	3	14.425	3906480	20.0
Phenanthrene, 1...	18.130	3.5	ng	744657	4	17.225	4275300	20.0
Phenanthrene, 2...	18.177	10.4	ng	2224210	4	17.225	4275300	20.0
4H-Cyclopenta[d...	18.330	8.1	ng	1732790	4	17.225	4275300	20.0
Anthracene, 2-m...	18.366	2.1	ng	452077	4	17.225	4275300	20.0
6-Phenylbenzocy...	18.648	2.0	ng	437724	4	17.225	4275300	20.0
Phenanthrene, 2...	19.101	2.6	ng	554416	4	17.225	4275300	20.0
Phenanthrene, 3...	19.148	2.5	ng	522774	4	17.225	4275300	20.0
10,18-Bisnorabi...	19.430	4.5	ng	961240	4	17.225	4275300	20.0
Retene	20.177	3.2	ng	1014720	5	21.683	6363240	20.0
11H-Benzo[b]flu...	20.248	3.4	ng	1069540	5	21.683	6363240	20.0
Pyrene, 1-methyl-	20.348	2.1	ng	678150	5	21.683	6363240	20.0
Octicizer	21.060	2.0	ng	647534	5	21.683	6363240	20.0