LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
Data File : BP024903.D
Acq On : 10 Jun 2025 21:13
Operator : RC/JU
Sample : Q2240-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024903.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.243	386	392	413	rBV	481398	889289	11.15%	1.293%
2	6.825	655	661	675	rBV	453607	838529	10.51%	1.220%
3	7.608	785	794	804	rBV	888299	1463946	18.35%	2.129%
4	8.766	985	991	999	rBV	295034	560167	7.02%	0.815%
5	9.308	1077	1083	1096	rVB6	31946	82213	1.03%	0.120%
6	10.384	1254	1266	1272	rBV	1279971	2147174	26.91%	3.123%
7	10.431	1272	1274	1282	rVB	86811	130694	1.64%	0.190%
8	11.407	1435	1440	1448	rBV	118762	228329	2.86%	0.332%
9	12.054	1546	1550	1557	rVB	66986	115195	1.44%	0.168%
10	12.272	1581	1587	1591	rBV2	51946	109719	1.38%	0.160%
11	12.778	1668	1673	1677	rVB	169759	210998	2.64%	0.307%
12	12.860	1678	1687	1698	rVV	815232	1332608	16.70%	1.938%
13	13.019	1710	1714	1719	rBV2	73758	136115	1.71%	0.198%
14	13.072	1721	1723	1730	rVB5	48318	81209	1.02%	0.118%
15	13.413	1776	1781	1782	rBV2	94053	134185	1.68%	0.195%
16	13.566	1802	1807	1813	rBV2	174724	317060	3.97%	0.461%
17	13.625	1814	1817	1821	rVV	55367	84494	1.06%	0.123%
18	13.666	1821	1824	1828	rVB2	99524	121447	1.52%	0.177%
19	13.737	1830	1836	1840	rBV2	244600	305225	3.83%	0.444%
20	13.807	1845	1848	1851	rVB	81277	93504	1.17%	0.136%
21	13.984	1869	1878	1884	rBV	162873	375947	4.71%	0.547%
22	14.078	1891	1894	1902	rVB3	104833	153874	1.93%	0.224%
23	14.154	1903	1907	1912	rBV3	69387	112295	1.41%	0.163%
24	14.260	1915	1925	1931	rVV	1600169	2863237	35.89%	4.164%
25	14.325	1931	1936	1944	rVB	272863	491690	6.16%	0.715%
26	14.478	1957	1962	1969	rVB2	98781	255613	3.20%	0.372%
27	14.666	1989	1994	1999	rVB	284015	430027	5.39%	0.625%
28	14.743	2003	2007	2012	rVB	127809	181204	2.27%	0.264%
29	14.790	2012	2015	2020	rBV6	84697	132140	1.66%	0.192%
30	14.890	2027	2032	2036	rBV	132013	220186	2.76%	0.320%
31	14.943	2038	2041	2044	rVB	108572	121319	1.52%	0.176%
32	15.054	2055	2060	2064	rBV4	100523	203424	2.55%	0.296%
33	15.325	2101	2106	2110	rBV2	281915	447311	5.61%	0.651%
34	15.490	2130	2134	2138	rVB5	78184	117278	1.47%	0.171%
35	15.543	2138	2143	2149	rBV2	235638	365657	4.58%	0.532%
36	15.643	2154	2160	2166	rVB3	188110	392737	4.92%	0.571%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
Data File : BP024903.D
Acq On : 10 Jun 2025 21:13
Operator : RC/JU
Sample : Q2240-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

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-BP060625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.778	2178	2183	2190	rVB	817551	1258448	15.77%	1.830%
38	16.031	2219	2226	2232	rBV2	460985	845470	10.60%	1.230%
39	16.348	2274	2280	2284	rBV4	129101	251219	3.15%	0.365%
40	16.401	2285	2289	2295	rVB3	126485	226054	2.83%	0.329%
41	16.872	2365	2369	2378	rVB2	362853	656098	8.22%	0.954%
42	17.060	2395	2401	2404	rBV	2231183	3160301	39.61%	4.596%
43	17.101	2404	2408	2415	rVB	2445330	3377826	42.34%	4.913%
44	17.195	2420	2424	2429	rVB	812461	1171147	14.68%	1.703%
45	17.960	2550	2554	2558	rBV	460412	705364	8.84%	1.026%
46	18.013	2558	2563	2570	rVV	681824	1222332	15.32%	1.778%
47	18.095	2574	2577	2583	rVV	254395	446186	5.59%	0.649%
48	18.166	2583	2589	2593	rVV2	861404	1523537	19.09%	2.216%
49	18.207	2593	2596	2603	rVB	352161	509538	6.39%	0.741%
50	18.484	2640	2643	2648	rVB	269000	394620	4.95%	0.574%
51	18.925	2714	2718	2722	rBV	370239	614656	7.70%	0.894%
52	19.195	2758	2764	2768	rBV	5097524	6542175	81.99%	9.515%
53	19.254	2771	2774	2779	rVV2	232410	366740	4.60%	0.533%
54	19.572	2819	2828	2837	rBV	4192886	7326811	91.83%	10.656%
55	19.648	2838	2841	2845	rBV2	420704	543429	6.81%	0.790%
56	19.783	2861	2864	2868	rVB	1513893	1749519	21.93%	2.544%
57	19.913	2881	2886	2888	rBV2	416385	786933	9.86%	1.144%
58	20.089	2913	2916	2920	rVB	793980	1016477	12.74%	1.478%
59	20.195	2931	2934	2938	rVB	793141	1049942	13.16%	1.527%
60	21.489	3147	3154	3160	rBV3	3223442	7978772	100.00%	11.604%
61	21.542	3160	3163	3171	rVB	2033135	3383597	42.41%	4.921%
62	23.736	3532	3536	3544	rVB	874001	1912324	23.97%	2.781%
63	24.766	3706	3711	3719	rVB	1416290	3492277	43.77%	5.079%

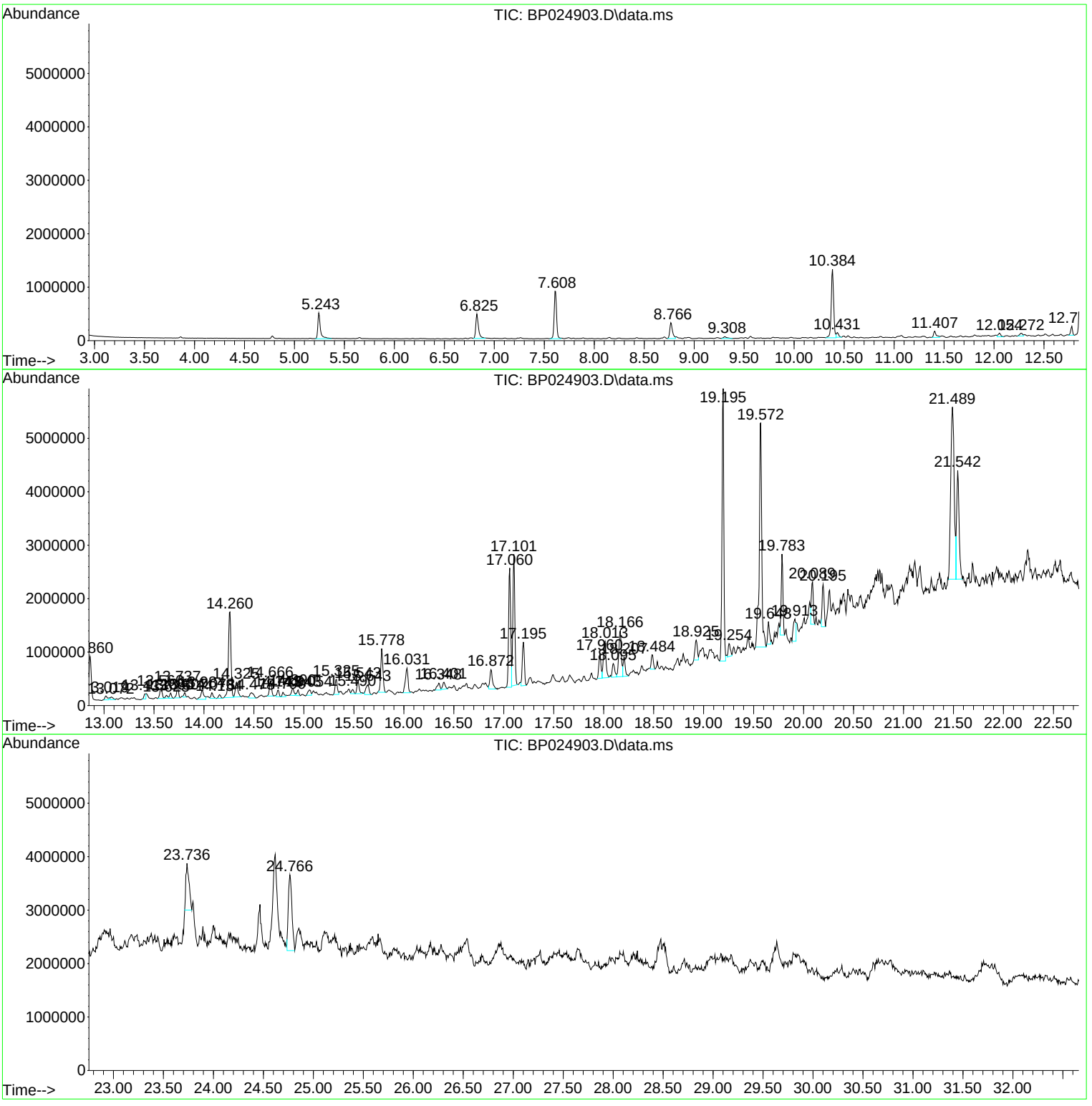
Sum of corrected areas: 68757831

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
Data File : BP024903.D
Acq On : 10 Jun 2025 21:13
Operator : RC/JU
Sample : Q2240-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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\BP061025\
Data File : BP024903.D
Acq On : 10 Jun 2025 21:13
Operator : RC/JU
Sample : Q2240-05 5X
Misc :
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Instrument :
BNA_P
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

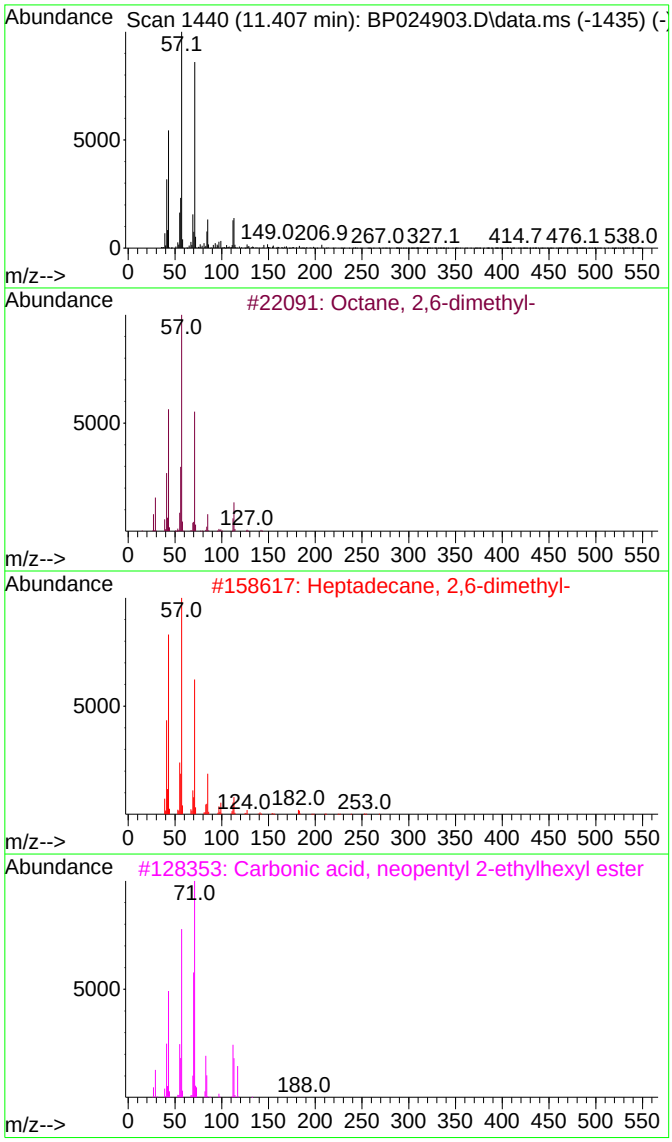
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

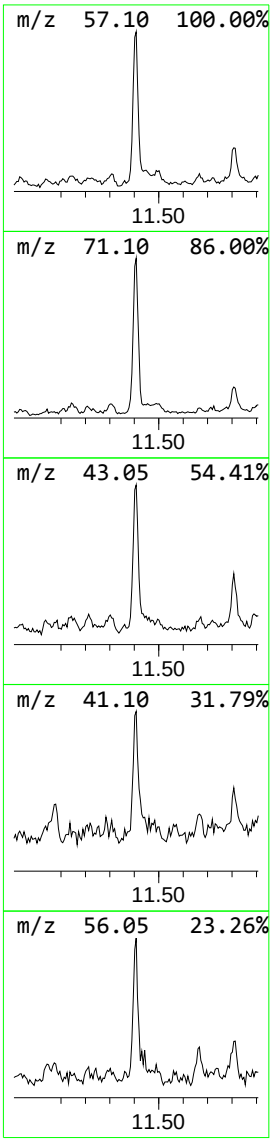
****

Peak Number 1 Octane, 2,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.408	2.13 ng	228329	Naphthalene-d8	10.384

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	87
3	Carbonic acid, neopentyl 2-ethyl...	244	C14H28O3	1000357-85-7	78
4	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
Data File : BP024903.D
Acq On : 10 Jun 2025 21:13
Operator : RC/JU
Sample : Q2240-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

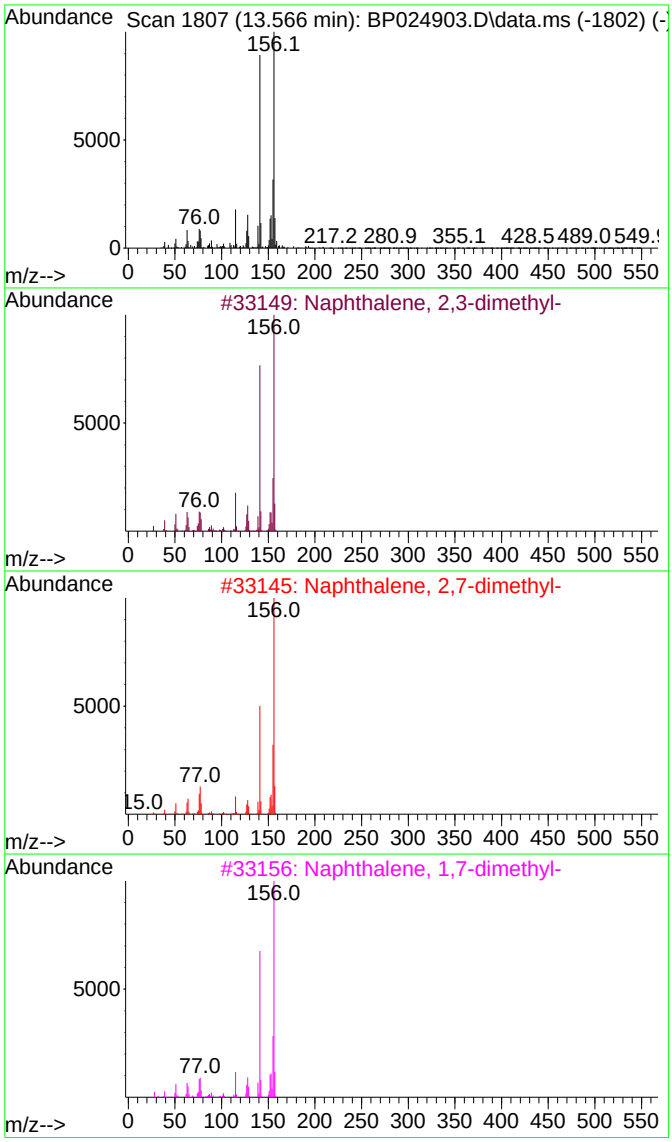
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

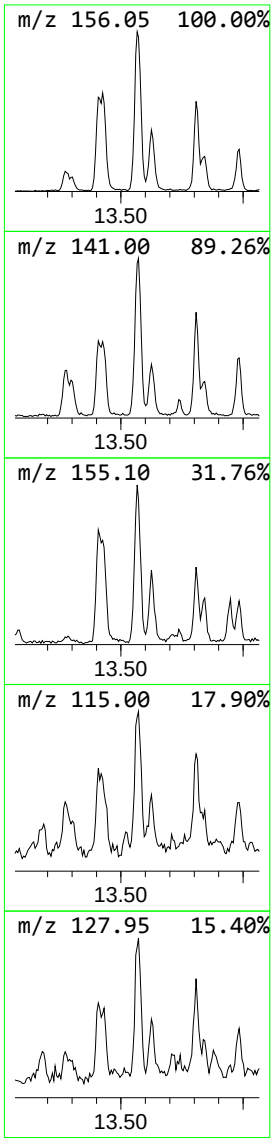
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.566	2.21 ng	317060	Acenaphthene-d10	14.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
Data File : BP024903.D
Acq On : 10 Jun 2025 21:13
Operator : RC/JU
Sample : Q2240-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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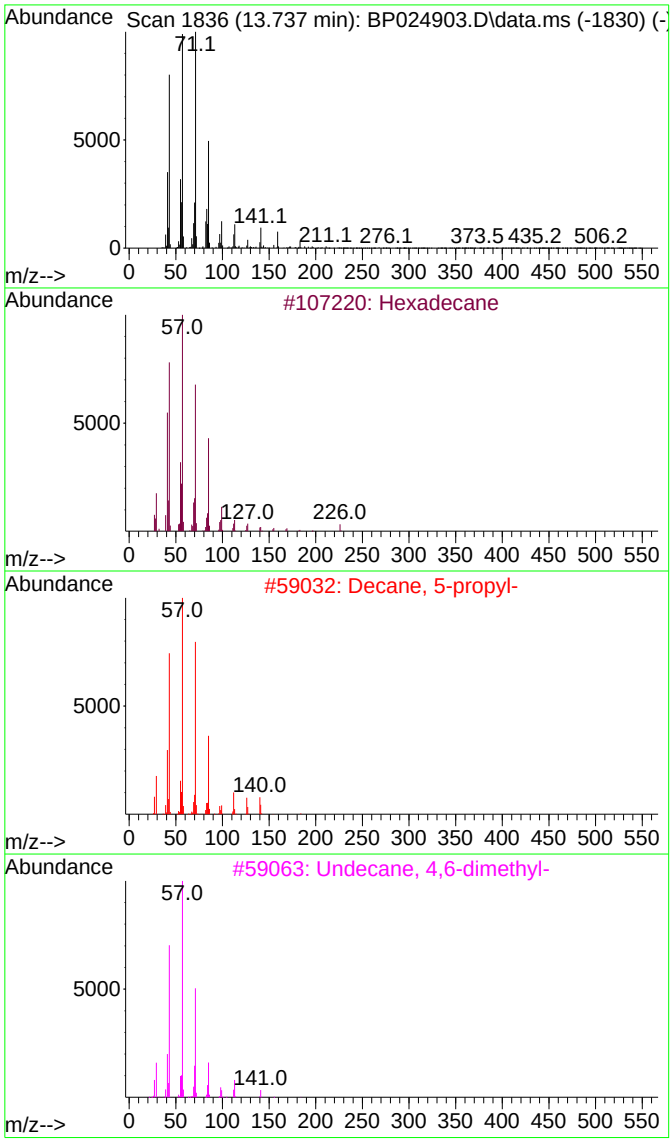
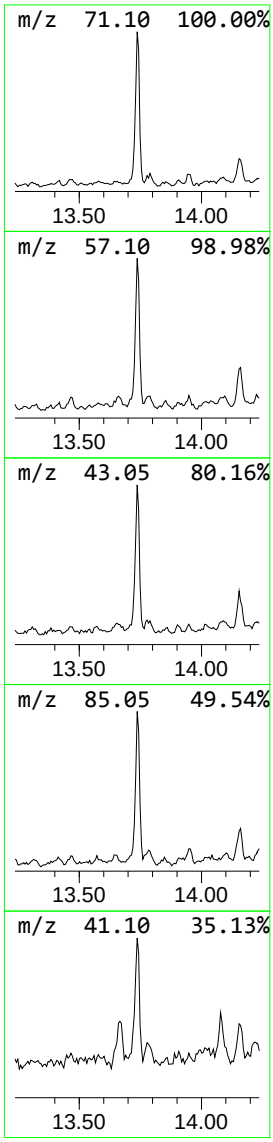
Peak Number 3 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.737	2.13 ng	305225	Acenaphthene-d10	14.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Decane, 5-propyl-	184	C13H28	017312-62-8	68
3	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	62
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	60
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
Data File : BP024903.D
Acq On : 10 Jun 2025 21:13
Operator : RC/JU
Sample : Q2240-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

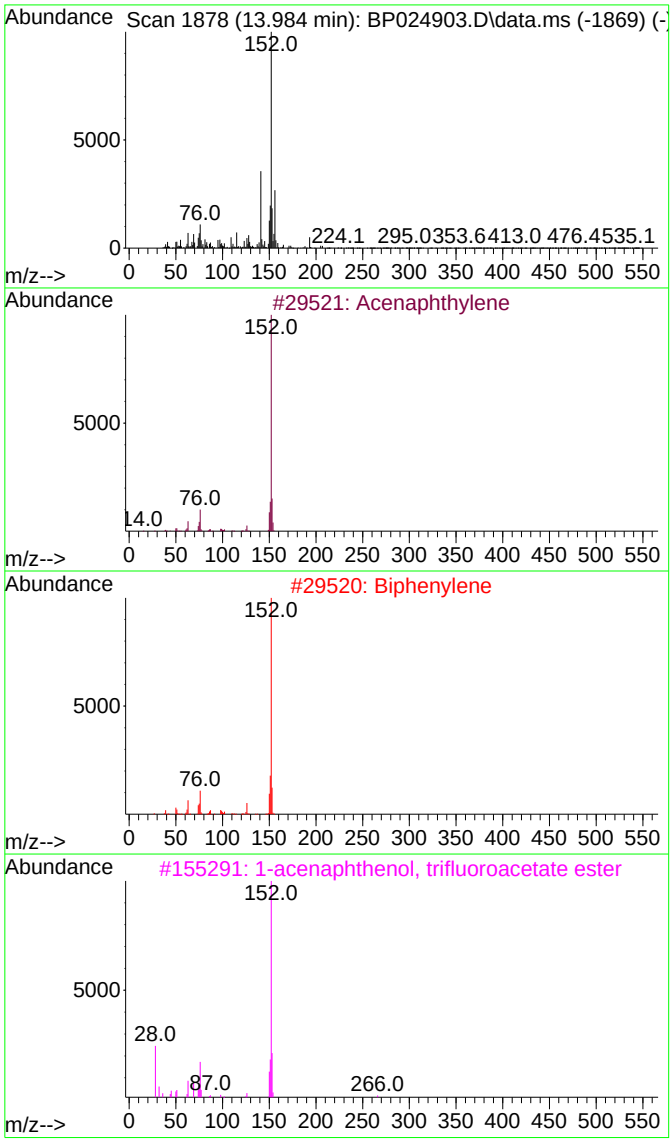
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

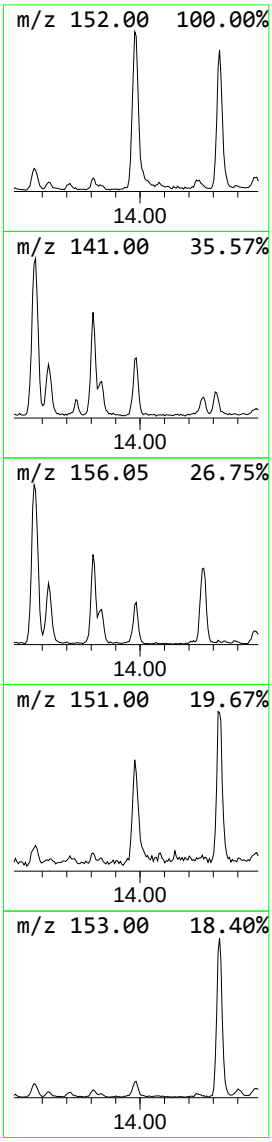
****

Peak Number 4 Biphenylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.984	2.63 ng	375947	Acenaphthene-d10	14.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acenaphthylene	152	C12H8	000208-96-8	70
2	Biphenylene	152	C12H8	000259-79-0	70
3	1-acenaphthenol, trifluoroacetat...	266	C14H9F3O2	1000376-45-2	53
4	(6Balpha,7beta,11alpha,11aalpha)...	334	C25H18O	1000241-69-8	40
5	4-Fluorobenzo[b]thiophene	152	C8H5FS	310466-38-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
Data File : BP024903.D
Acq On : 10 Jun 2025 21:13
Operator : RC/JU
Sample : Q2240-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

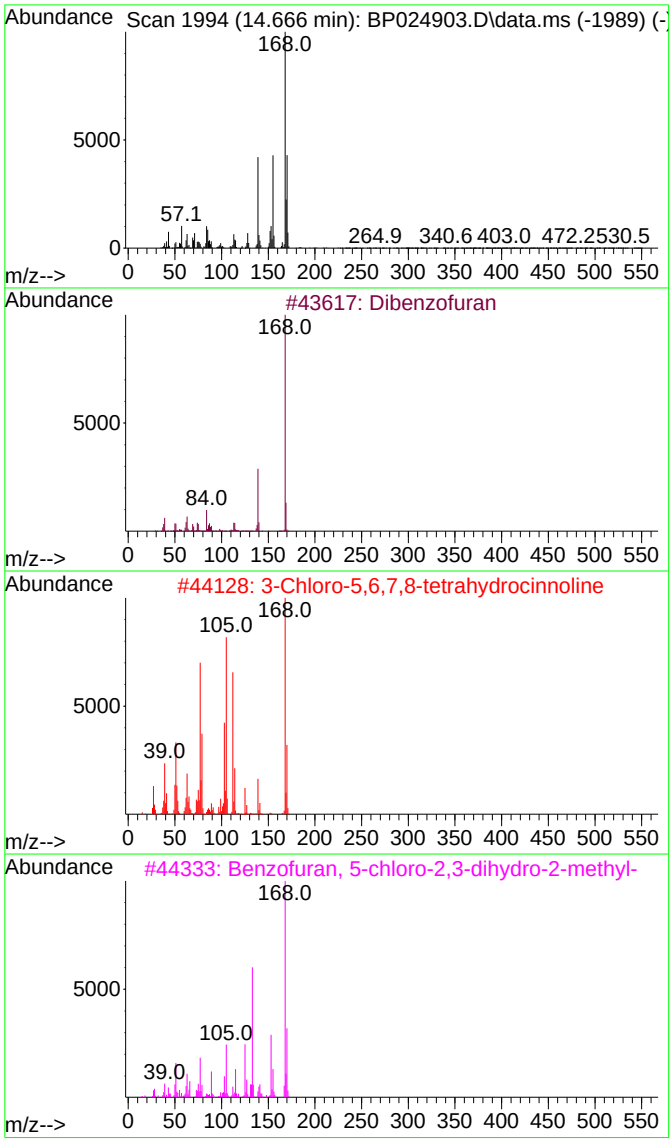
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

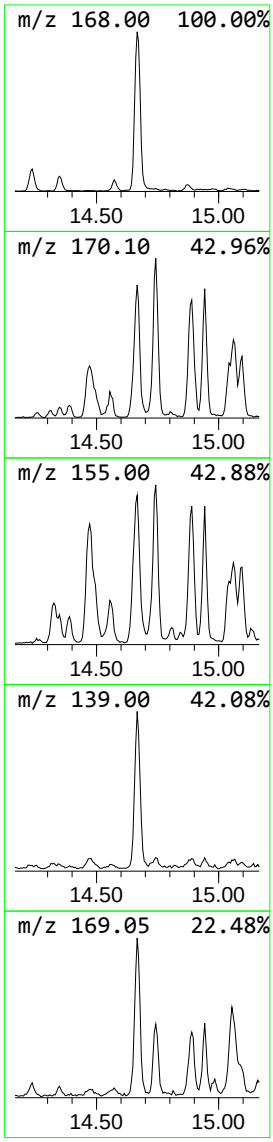
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3-Chloro-5,6,7,8-tetrahydro... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.666	3.00 ng	430027	Acenaphthene-d10	14.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	50
2	3-Chloro-5,6,7,8-tetrahydrocinno...	168	C8H9ClN2	032078-92-5	43
3	Benzofuran, 5-chloro-2,3-dihydro...	168	C9H9ClO	054410-96-7	43
4	6-Chloro-1,3-benzoxazol-2-amine	168	C7H5ClN2O	052112-68-2	38
5	1-Methyl-1-(p-chlorphenyl)-1-sil...	196	C10H13ClSi	057465-49-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
Data File : BP024903.D
Acq On : 10 Jun 2025 21:13
Operator : RC/JU
Sample : Q2240-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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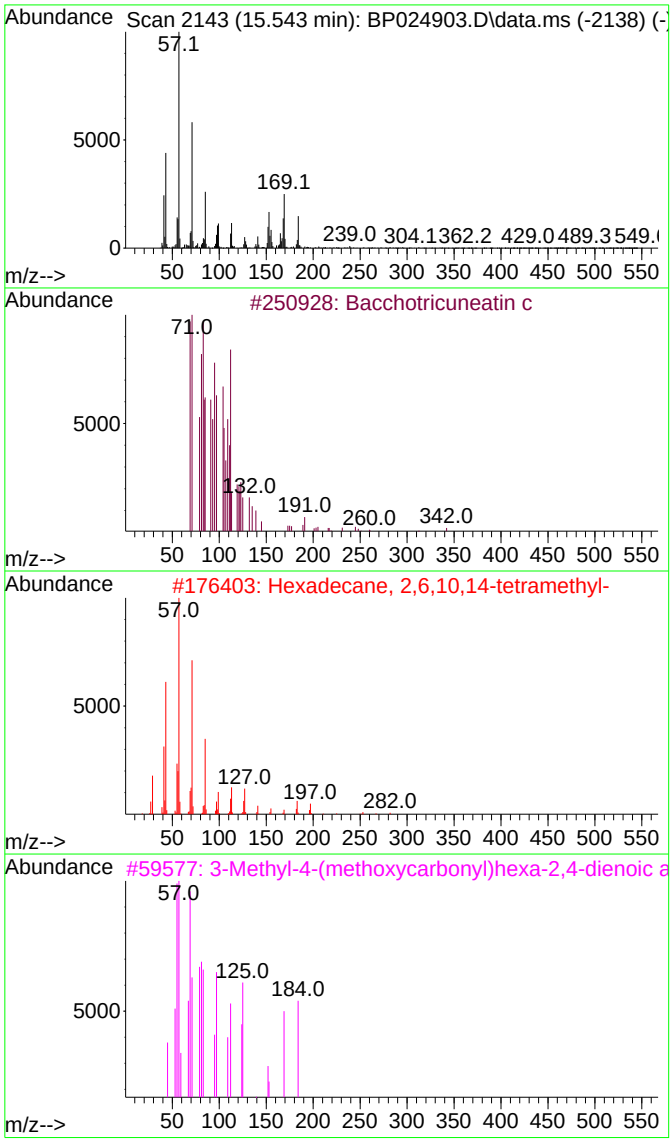
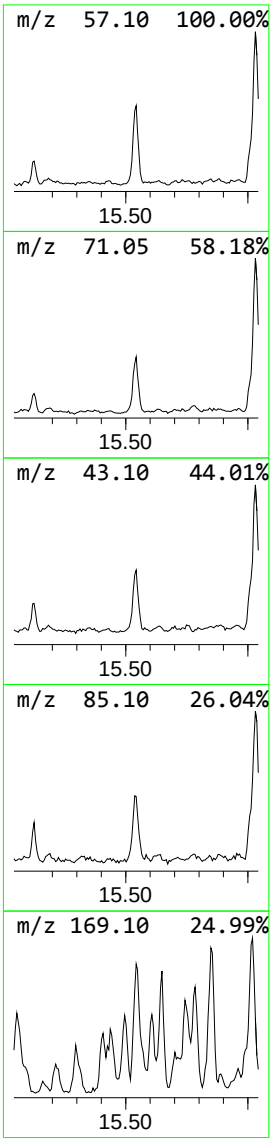
Peak Number 6 Bacchotricuneatin c Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.543	2.55 ng	365657	Acenaphthene-d10	14.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	93
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	70
3	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1010104-10-8	46
4	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	45
5	Heptacosane	380	C27H56	000593-49-7	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
Data File : BP024903.D
Acq On : 10 Jun 2025 21:13
Operator : RC/JU
Sample : Q2240-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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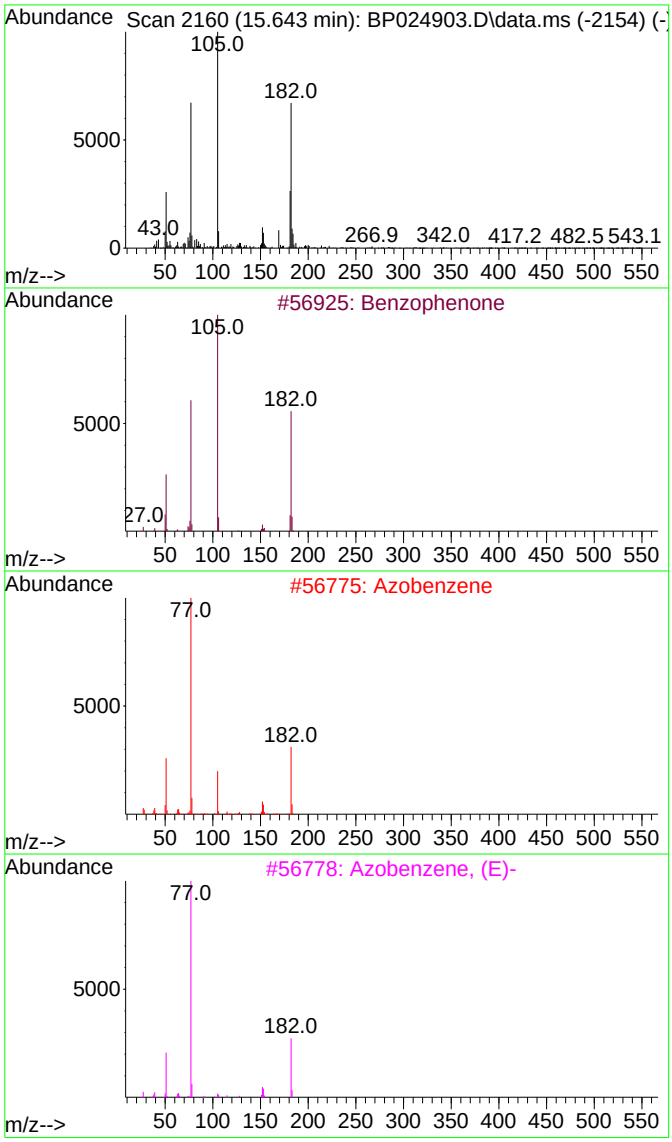
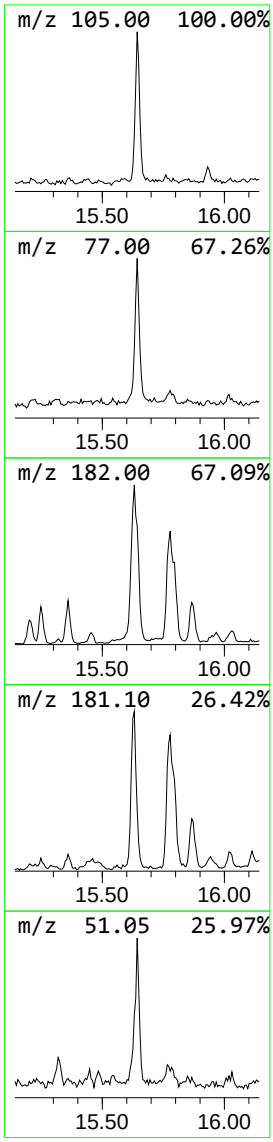
Peak Number 7 Benzophenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.643	2.74 ng	392737	Acenaphthene-d10	14.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	93
2	Azobenzene	182	C12H10N2	000103-33-3	58
3	Azobenzene, (E)-	182	C12H10N2	017082-12-1	58
4	4(1H)-Quinazolinone, 2,3,5,6,7,8...	182	C8H10N2OS	016064-21-4	27
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	27





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Data File : BP024903.D
Acq On : 10 Jun 2025 21:13
Operator : RC/JU
Sample : Q2240-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

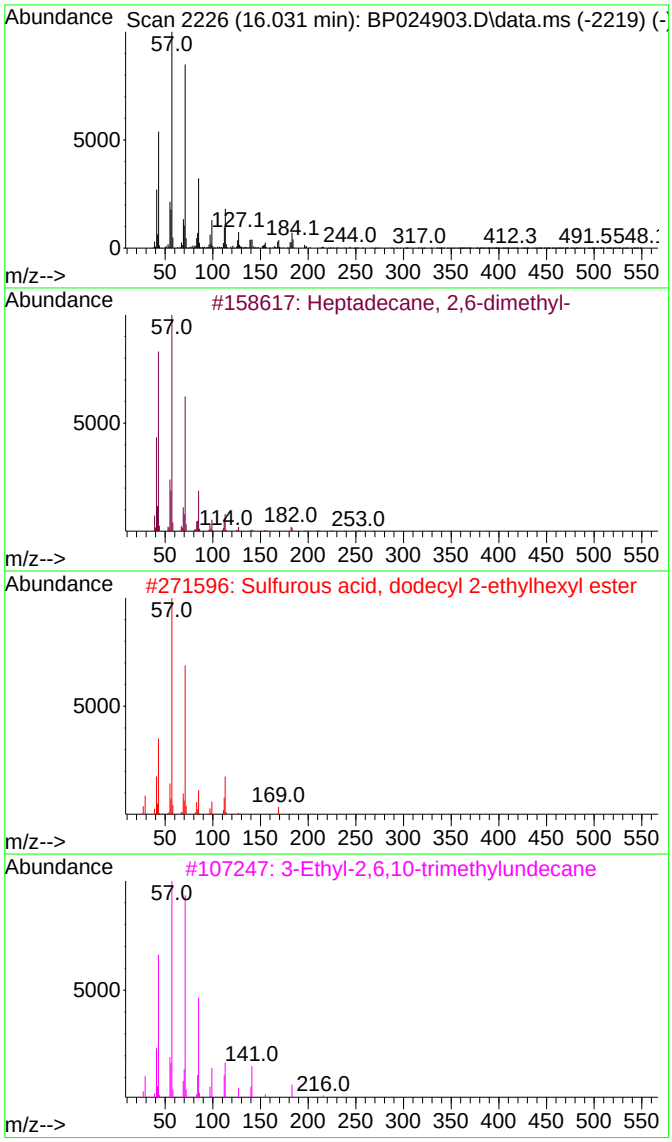
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

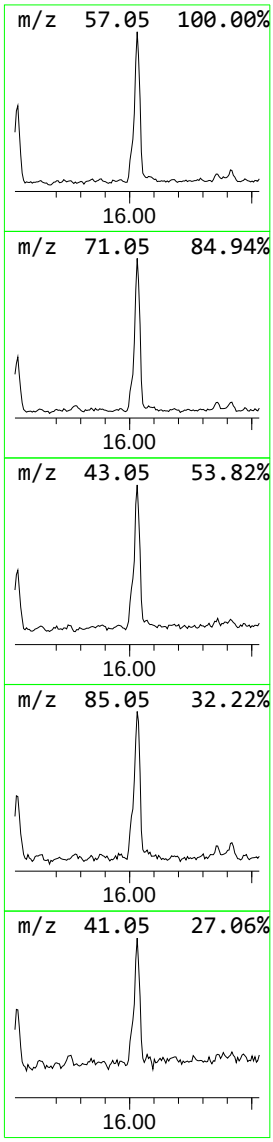
****

Peak Number 8 Heptadecane, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.031	5.35 ng	845470	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	81
2	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	80
3	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	80
4	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	74
5	Sulfurous acid, 2-ethylhexyl tri...	376	C21H44O3S	1000309-19-6	72





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Acq On : 10 Jun 2025 21:13
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Sample : Q2240-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

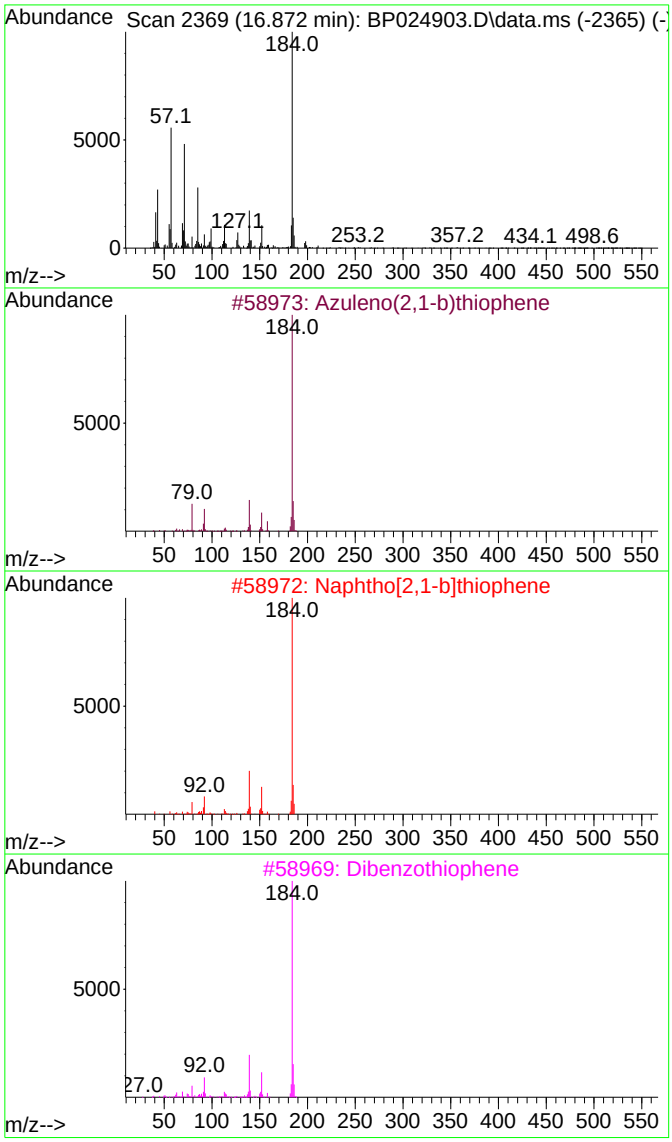
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

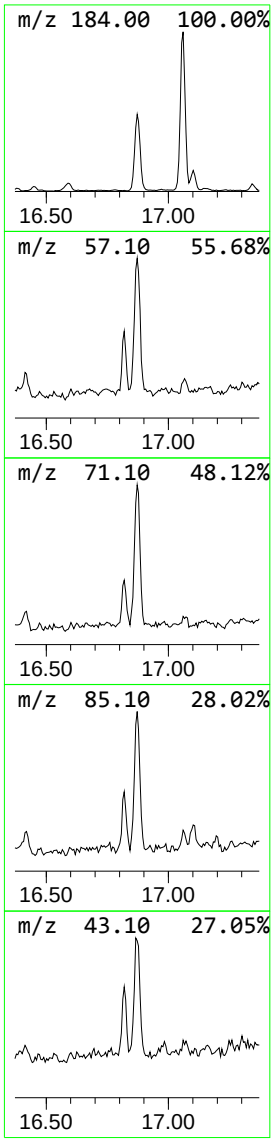
****

Peak Number 9 Azuleno(2,1-b)thiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.872	4.15 ng	656098	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	60
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	60
3	Dibenzothiophene	184	C12H8S	000132-65-0	60
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	55
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	55





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Sample : Q2240-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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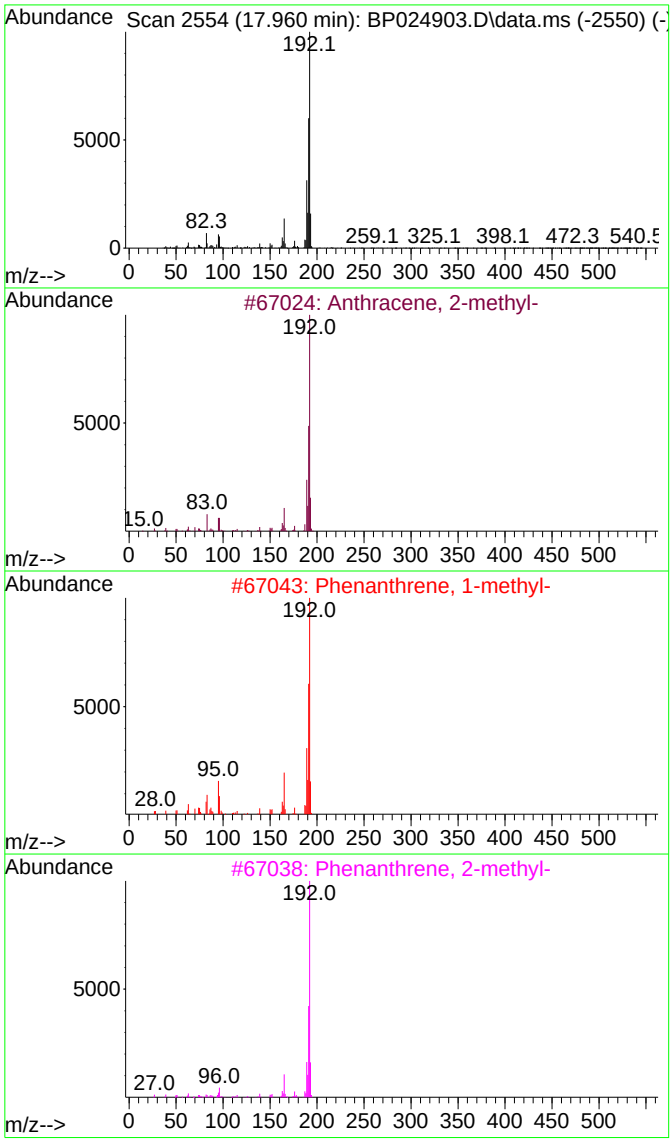
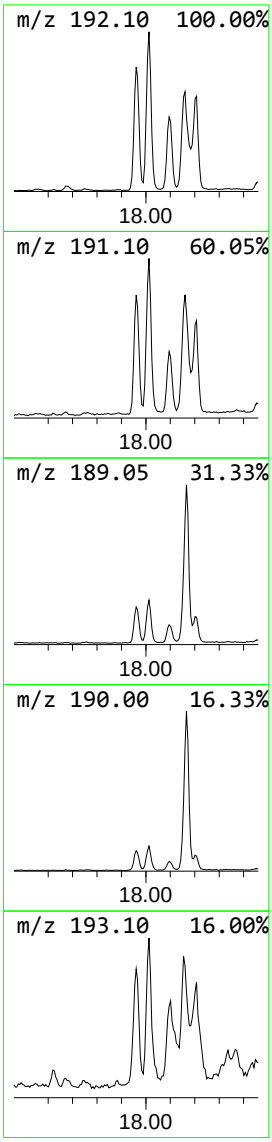
Peak Number 10 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.960	4.46 ng	705364	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Acq On : 10 Jun 2025 21:13
Operator : RC/JU
Sample : Q2240-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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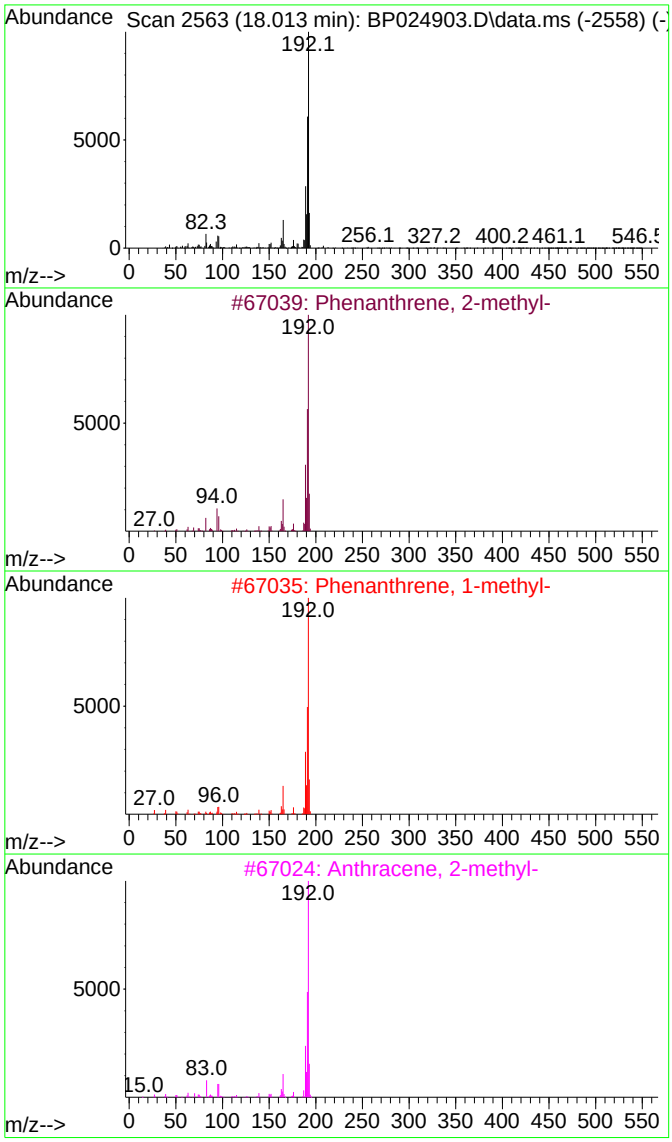
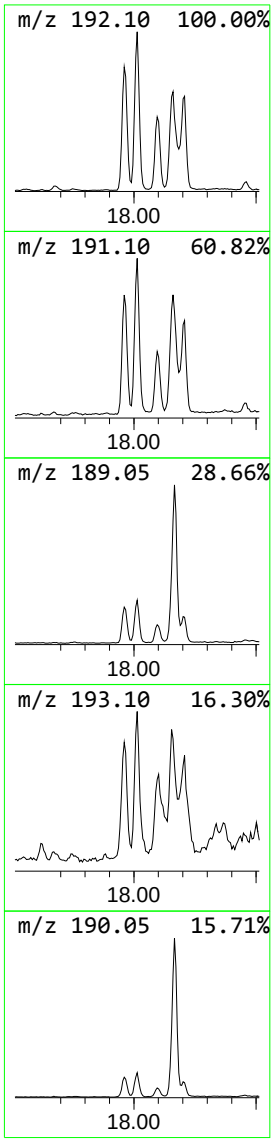
Peak Number 11 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.013	7.74 ng	1222330	Phenanthrene-d10	17.060

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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Acq On : 10 Jun 2025 21:13
Operator : RC/JU
Sample : Q2240-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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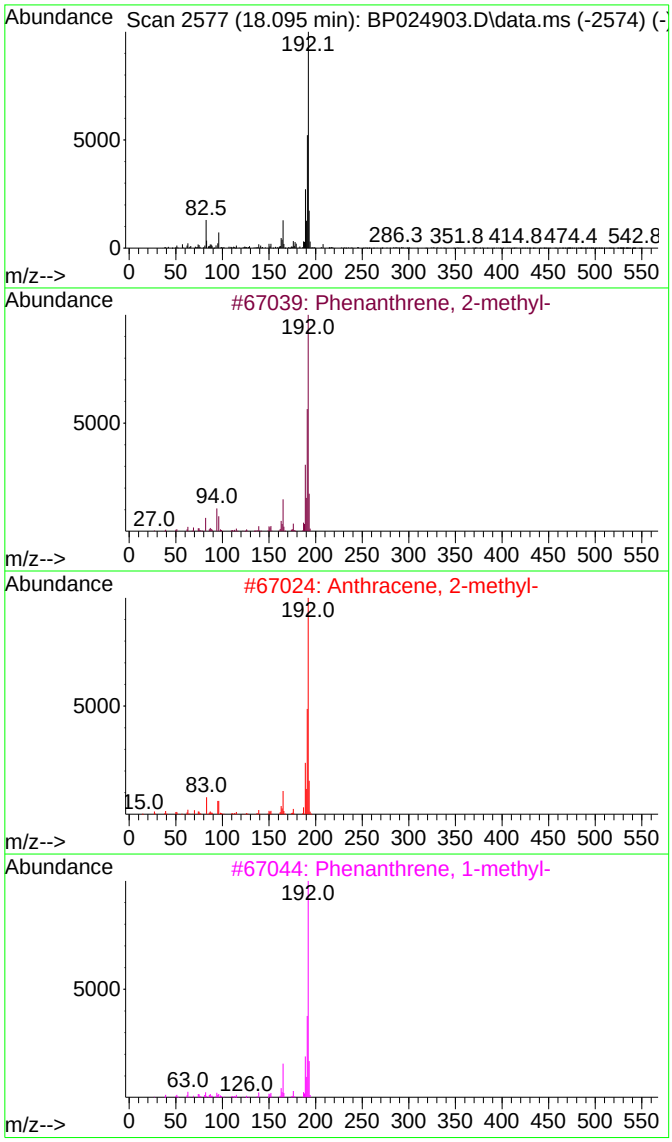
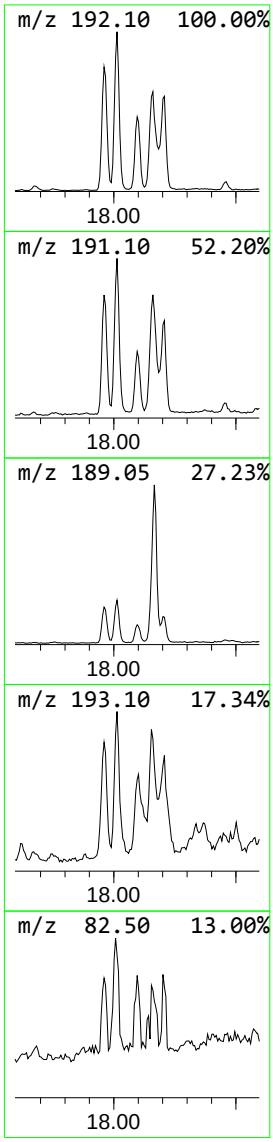
Peak Number 12 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.095	2.82 ng	446186	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





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Sample : Q2240-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

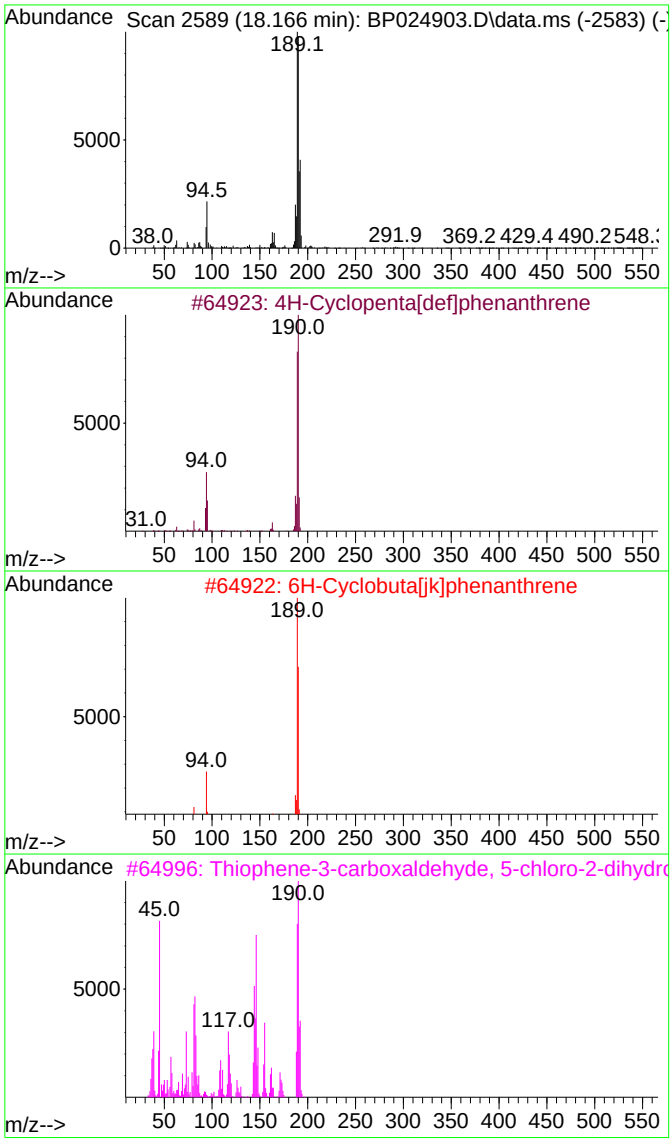
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

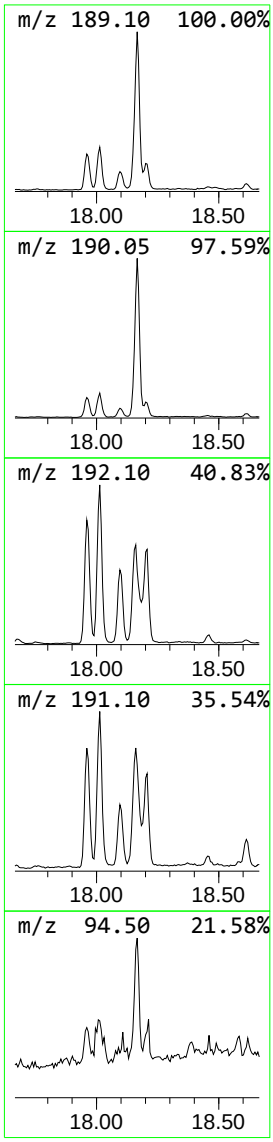
****

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.166	9.64 ng	1523540	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Acq On : 10 Jun 2025 21:13
Operator : RC/JU
Sample : Q2240-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

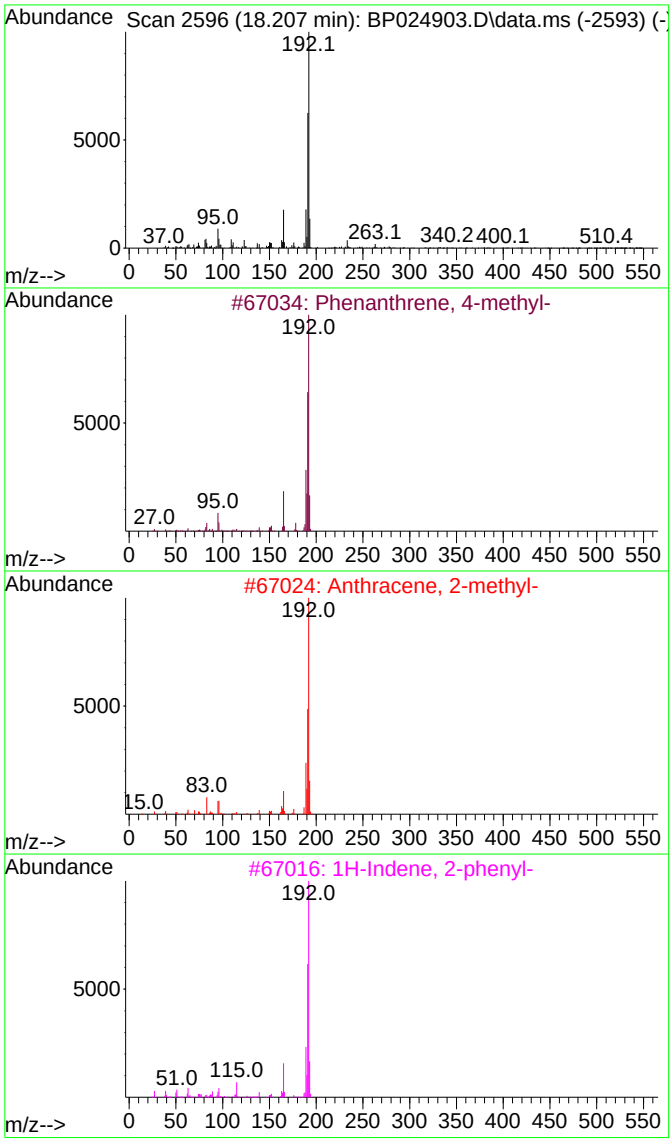
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

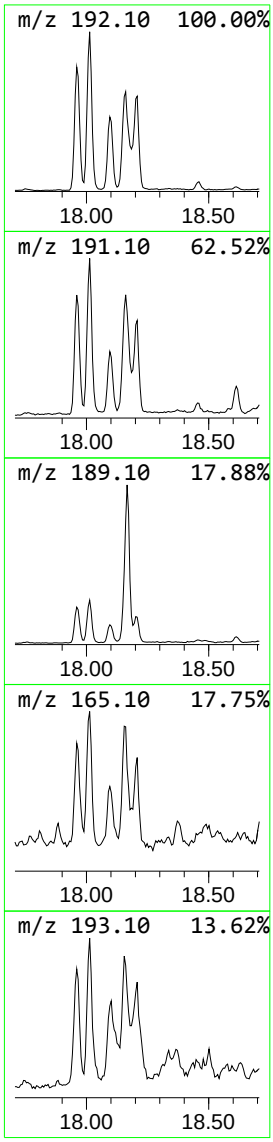
****

Peak Number 14 Phenanthrene, 4-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.207	3.22 ng	509538	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
5	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	83





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Acq On : 10 Jun 2025 21:13
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Sample : Q2240-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

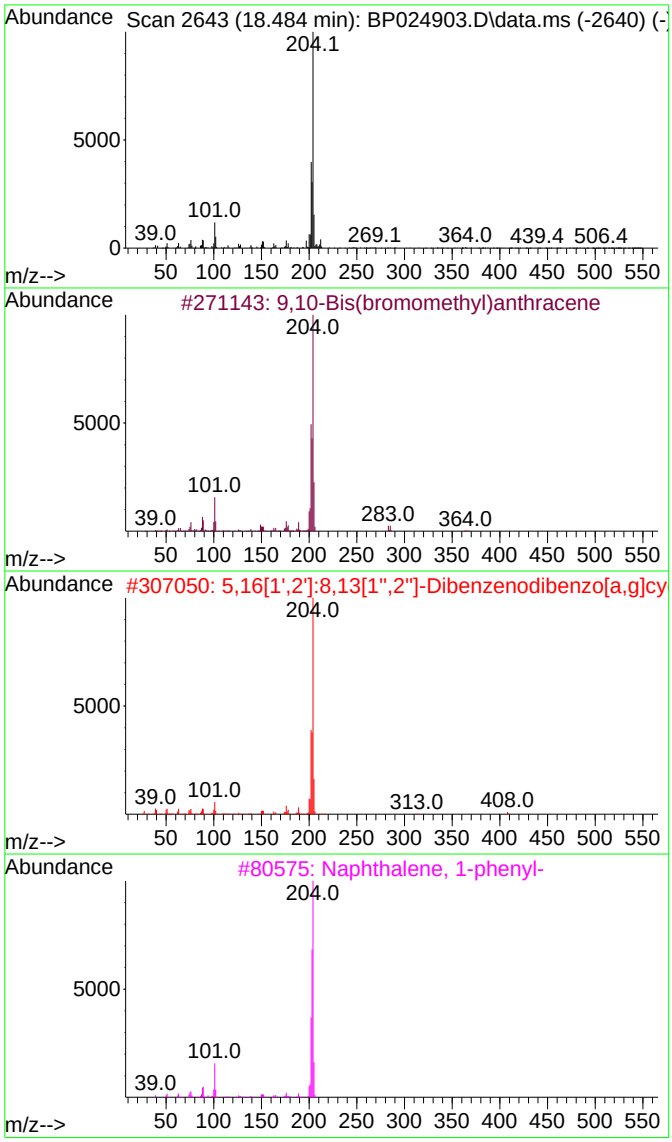
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

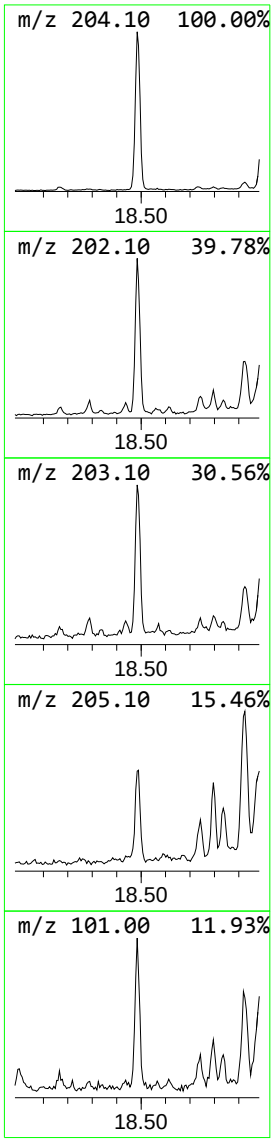
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9,10-Bis(bromomethyl)anthra... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.484	2.50 ng	394620	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	87
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62





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Acq On : 10 Jun 2025 21:13
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Sample : Q2240-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

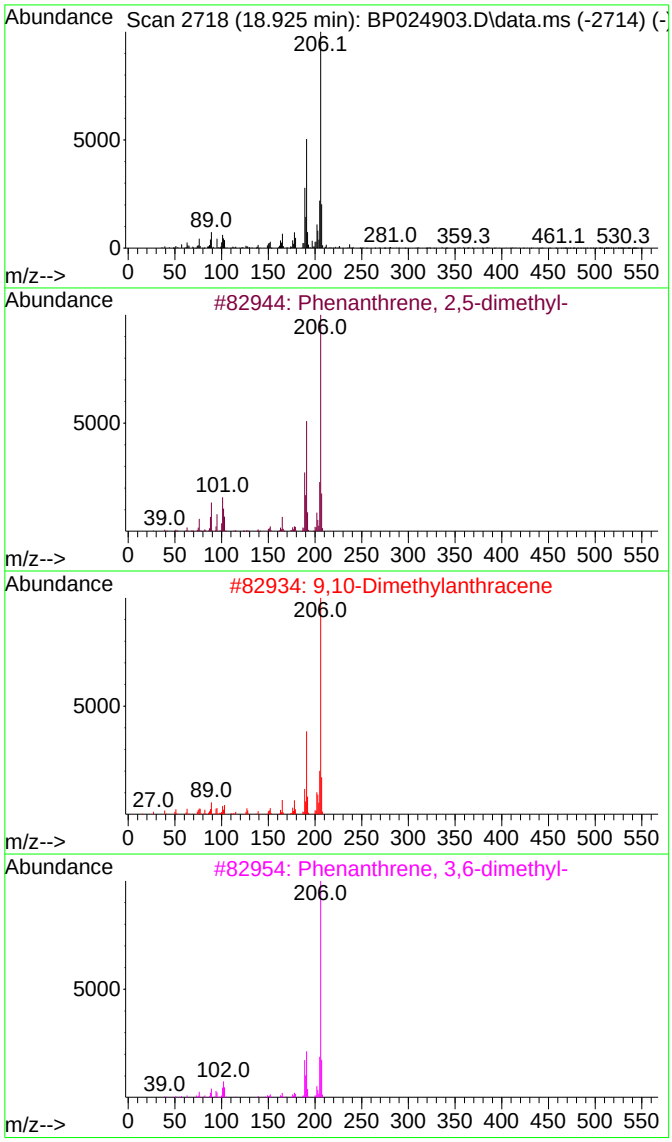
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

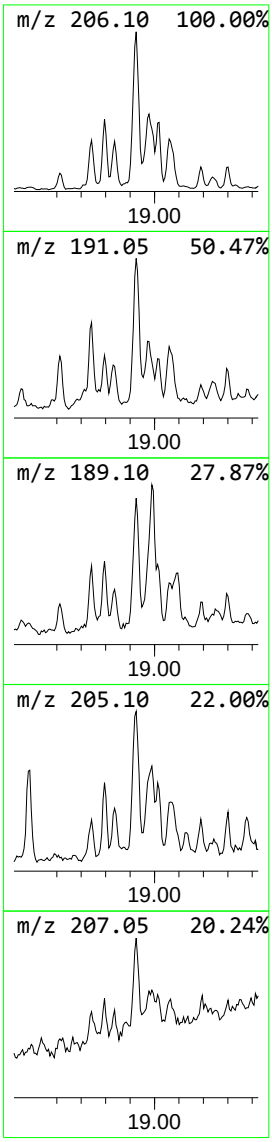
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.925	3.89 ng	614656	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Sample : Q2240-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

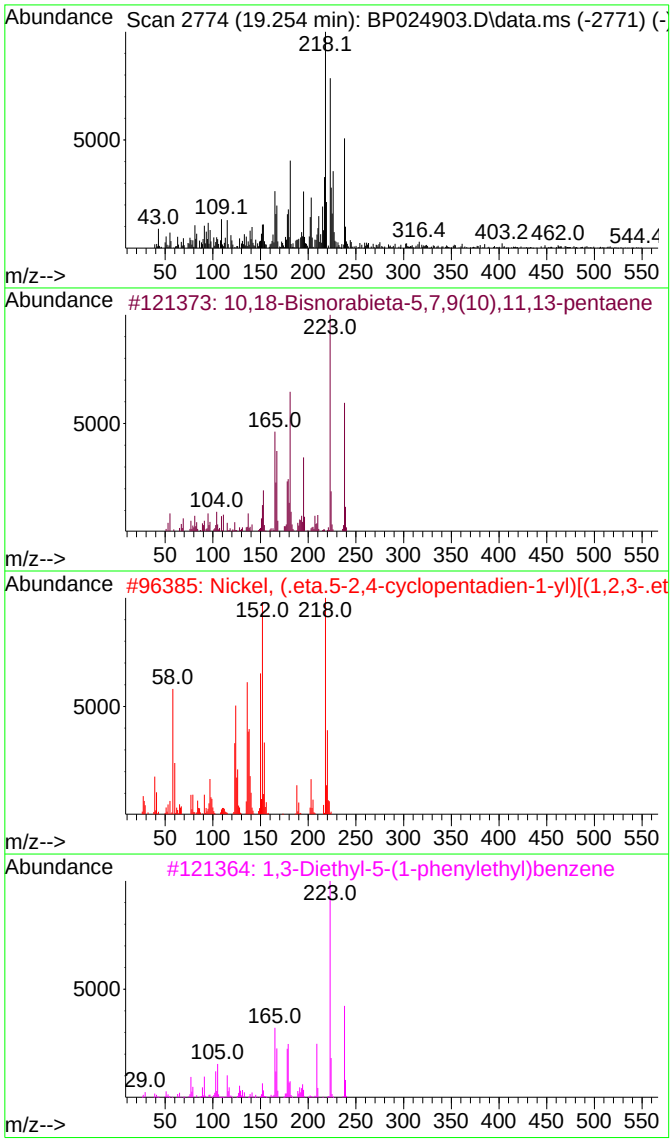
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

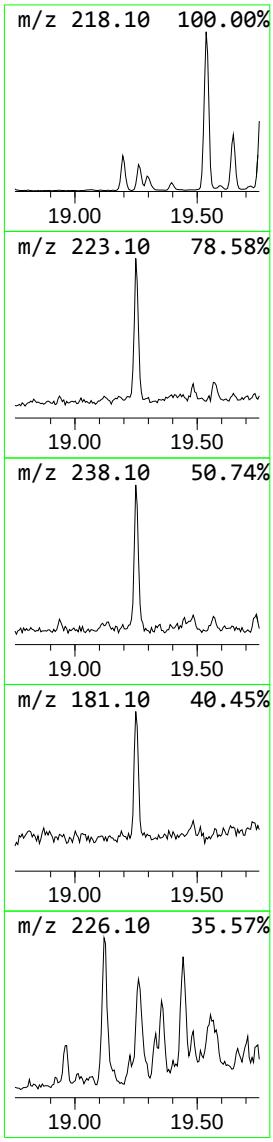
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.254	2.32 ng	366740	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	87
2	Nickel, (.eta.5-2,4-cyclopentadi...	218	C12H16Ni	079704-72-6	53
3	1,3-Diethyl-5-(1-phenylethyl)ben...	238	C18H22	1000482-32-6	38
4	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	38
5	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	30





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Sample : Q2240-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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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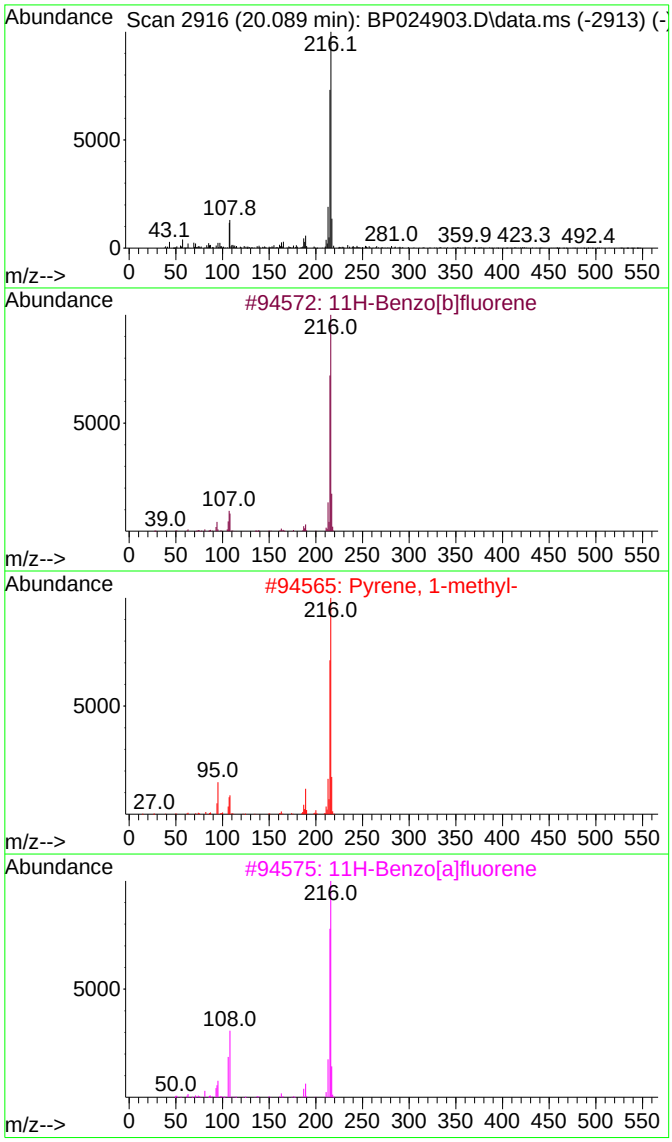
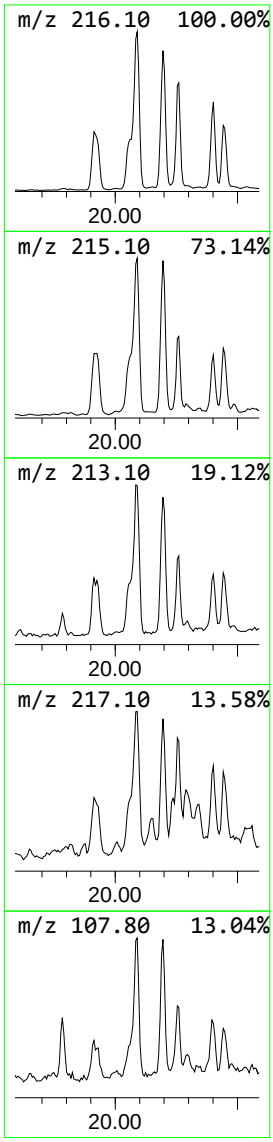
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.089	2.55 ng	1016480	Chrysene-d12	21.495

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	72





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Operator : RC/JU
Sample : Q2240-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

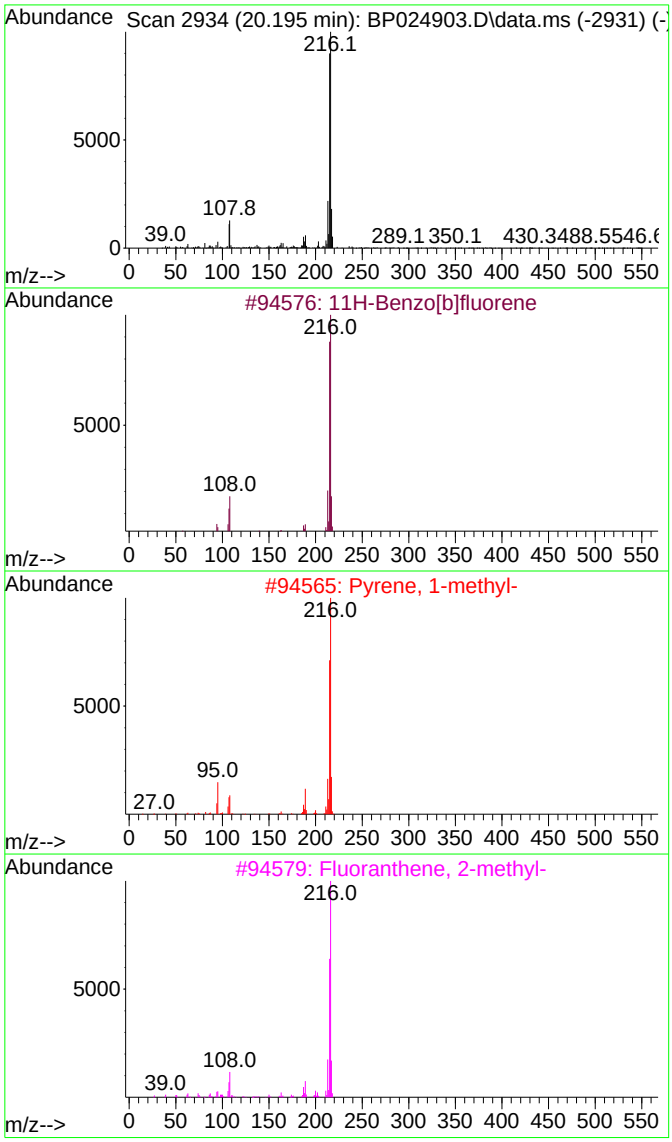
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

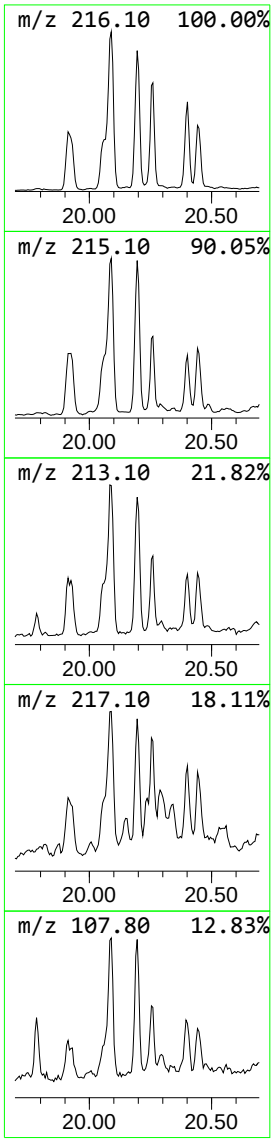
****

Peak Number 19 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.195	2.63 ng	1049940	Chrysene-d12	21.495

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	: 4-((2-Methylphenyl)diazenyl)-1...	216	C10H12N6	057770-59-9	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061025\
Data File : BP024903.D
Acq On : 10 Jun 2025 21:13
Operator : RC/JU
Sample : Q2240-05 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.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
Octane, 2,6-dim...	11.408	2.1	ng	228329	2	10.384	2147170	20.0
Naphthalene, 2,...	13.566	2.2	ng	317060	3	14.260	2863240	20.0
Hexadecane	13.737	2.1	ng	305225	3	14.260	2863240	20.0
Biphenylene	13.984	2.6	ng	375947	3	14.260	2863240	20.0
3-Chloro-5,6,7,...	14.666	3.0	ng	430027	3	14.260	2863240	20.0
Bacchotricuneat...	15.543	2.5	ng	365657	3	14.260	2863240	20.0
Benzophenone	15.643	2.7	ng	392737	3	14.260	2863240	20.0
Heptadecane, 2,...	16.031	5.3	ng	845470	4	17.060	3160300	20.0
Azuleno(2,1-b)t...	16.872	4.2	ng	656098	4	17.060	3160300	20.0
Anthracene, 2-m...	17.960	4.5	ng	705364	4	17.060	3160300	20.0
Phenanthrene, 2...	18.013	7.7	ng	1222330	4	17.060	3160300	20.0
Phenanthrene, 1...	18.095	2.8	ng	446186	4	17.060	3160300	20.0
4H-Cyclopenta[d...	18.166	9.6	ng	1523540	4	17.060	3160300	20.0
Phenanthrene, 4...	18.207	3.2	ng	509538	4	17.060	3160300	20.0
9,10-Bis(bromom...	18.484	2.5	ng	394620	4	17.060	3160300	20.0
Phenanthrene, 2...	18.925	3.9	ng	614656	4	17.060	3160300	20.0
10,18-Bisnorabi...	19.254	2.3	ng	366740	4	17.060	3160300	20.0
11H-Benzo[b]flu...	20.089	2.5	ng	1016480	5	21.495	7978770	20.0
Pyrene, 1-methyl-	20.195	2.6	ng	1049940	5	21.495	7978770	20.0