LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025009.D
Acq On : 19 Jun 2025 20:30
Operator : RC/JU
Sample : Q2357-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

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: BP025009.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.772	307	312	320	rBV	114372	176911	3.07%	0.278%
2	5.237	385	391	414	rBV	769943	1500078	26.04%	2.357%
3	6.825	654	661	678	rBV	599457	1423328	24.71%	2.237%
4	7.602	782	793	807	rBV	729203	1220550	21.19%	1.918%
5	8.137	877	884	893	rBV4	23044	60162	1.04%	0.095%
6	8.760	984	990	1009	rBV	397852	944174	16.39%	1.484%
7	10.372	1252	1264	1271	rBV	853235	1679482	29.15%	2.639%
8	10.425	1271	1273	1280	rVB	137992	219809	3.82%	0.345%
9	11.066	1372	1382	1390	rBV10	25482	66580	1.16%	0.105%
10	11.390	1431	1437	1442	rBV2	46678	82306	1.43%	0.129%
11	11.795	1497	1506	1512	rBV4	27909	63987	1.11%	0.101%
12	12.054	1539	1550	1556	rVB	90822	168266	2.92%	0.264%
13	12.266	1578	1586	1597	rBV	120232	267462	4.64%	0.420%
14	12.760	1665	1670	1675	rVB	66330	94626	1.64%	0.149%
15	12.854	1679	1686	1699	rVV	1105499	1838494	31.92%	2.889%
16	13.401	1775	1779	1780	rBV	55698	59636	1.04%	0.094%
17	13.566	1801	1807	1812	rBV	129722	243038	4.22%	0.382%
18	13.625	1812	1817	1820	rVV	55960	84450	1.47%	0.133%
19	13.719	1826	1833	1837	rBV2	84648	147307	2.56%	0.231%
20	13.801	1843	1847	1851	rBV2	38132	60180	1.04%	0.095%
21	13.972	1871	1876	1889	rVB	214141	341932	5.94%	0.537%
22	14.148	1901	1906	1912	rBV4	35757	66632	1.16%	0.105%
23	14.248	1912	1923	1930	rBV	1383246	2199490	38.18%	3.457%
24	14.319	1930	1935	1943	rVB	204094	335441	5.82%	0.527%
25	14.478	1956	1962	1968	rVB4	37964	90154	1.57%	0.142%
26	14.572	1971	1978	1982	rBV5	26224	65473	1.14%	0.103%
27	14.660	1988	1993	2001	rVB	171770	274849	4.77%	0.432%
28	14.742	2003	2007	2010	rVV	53172	70089	1.22%	0.110%
29	14.878	2026	2030	2037	rBV4	59396	115837	2.01%	0.182%
30	15.060	2055	2061	2064	rBV5	33939	63571	1.10%	0.100%
31	15.325	2100	2106	2117	rVB	421864	669426	11.62%	1.052%
32	15.536	2137	2142	2146	rBV2	88987	124620	2.16%	0.196%
33	15.636	2152	2159	2167	rBV3	160629	324390	5.63%	0.510%
34	15.783	2174	2184	2196	rBV	1002474	1906895	33.10%	2.997%
35	16.013	2216	2223	2235	rVB3	147091	332401	5.77%	0.522%
36	16.348	2273	2280	2285	rBV4	96160	219360	3.81%	0.345%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025009.D
Acq On : 19 Jun 2025 20:30
Operator : RC/JU
Sample : Q2357-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

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	16.401	2285	2289	2295	rVB3	73285	127430	2.21%	0.200%
38	16.501	2303	2306	2311	rVB2	69244	88433	1.54%	0.139%
39	16.589	2317	2321	2323	rBV3	49653	68006	1.18%	0.107%
40	16.872	2364	2369	2379	rVB2	304175	479803	8.33%	0.754%
41	17.060	2395	2401	2404	rBV	1767086	2502433	43.44%	3.933%
42	17.101	2404	2408	2415	rVV	2674429	3774458	65.52%	5.932%
43	17.195	2419	2424	2431	rVB	549856	844870	14.67%	1.328%
44	17.495	2470	2475	2484	rBV	193700	367522	6.38%	0.578%
45	17.660	2499	2503	2512	rVB	130731	213160	3.70%	0.335%
46	17.813	2524	2529	2535	rBV	89229	158975	2.76%	0.250%
47	17.966	2550	2555	2558	rBV	387702	619506	10.75%	0.974%
48	18.013	2558	2563	2569	rVB2	659203	1238801	21.50%	1.947%
49	18.101	2574	2578	2583	rVV2	159702	261705	4.54%	0.411%
50	18.166	2583	2589	2593	rVV2	691466	1255030	21.79%	1.972%
51	18.207	2593	2596	2600	rVB	288895	381376	6.62%	0.599%
52	18.295	2608	2611	2615	rBV3	45531	61433	1.07%	0.097%
53	18.377	2623	2625	2629	rVB2	51789	62081	1.08%	0.098%
54	18.489	2640	2644	2648	rBV	244025	322653	5.60%	0.507%
55	18.795	2693	2696	2700	rVV	102035	135956	2.36%	0.214%
56	18.836	2701	2703	2708	rVB2	99209	110496	1.92%	0.174%
57	18.919	2713	2717	2721	rBV	307554	460897	8.00%	0.724%
58	18.960	2722	2724	2725	rBV	68725	58083	1.01%	0.091%
59	19.077	2739	2744	2749	rBV4	106523	240327	4.17%	0.378%
60	19.195	2758	2764	2770	rBV	3102759	4601169	79.87%	7.231%
61	19.301	2779	2782	2784	rBV2	91387	123059	2.14%	0.193%
62	19.336	2785	2788	2789	rBV2	105511	117518	2.04%	0.185%
63	19.448	2803	2807	2810	rBV	194323	258718	4.49%	0.407%
64	19.572	2819	2828	2838	rBV	2998538	5123527	88.94%	8.052%
65	19.660	2839	2843	2848	rVV2	168135	266637	4.63%	0.419%
66	19.783	2859	2864	2868	rBV	2455533	3161723	54.89%	4.969%
67	19.913	2882	2886	2893	rVB2	190728	452330	7.85%	0.711%
68	20.060	2908	2911	2912	rBV	132537	156031	2.71%	0.245%
69	20.095	2913	2917	2924	rVB2	578176	923290	16.03%	1.451%
70	20.195	2930	2934	2938	rVB	608922	687923	11.94%	1.081%
71	20.254	2942	2944	2949	rVB	272528	321412	5.58%	0.505%
72	20.407	2967	2970	2974	rVB	181591	224386	3.90%	0.353%
73	20.460	2975	2979	2982	rBV2	228621	374479	6.50%	0.588%
74	21.154	3095	3097	3105	rVB2	378773	574811	9.98%	0.903%
75	21.489	3146	3154	3159	rBV3	2188637	5760572	100.00%	9.053%
76	21.536	3159	3162	3167	rVB	1233794	1692523	29.38%	2.660%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025009.D
Acq On : 19 Jun 2025 20:30
Operator : RC/JU
Sample : Q2357-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

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

77	23.742	3531	3537	3543	rBV	703319	1825400	31.69%	2.869%
78	24.612	3681	3685	3696	rVB	865470	2017762	35.03%	3.171%
79	24.771	3705	3712	3720	rVB	1445357	3534856	61.36%	5.555%

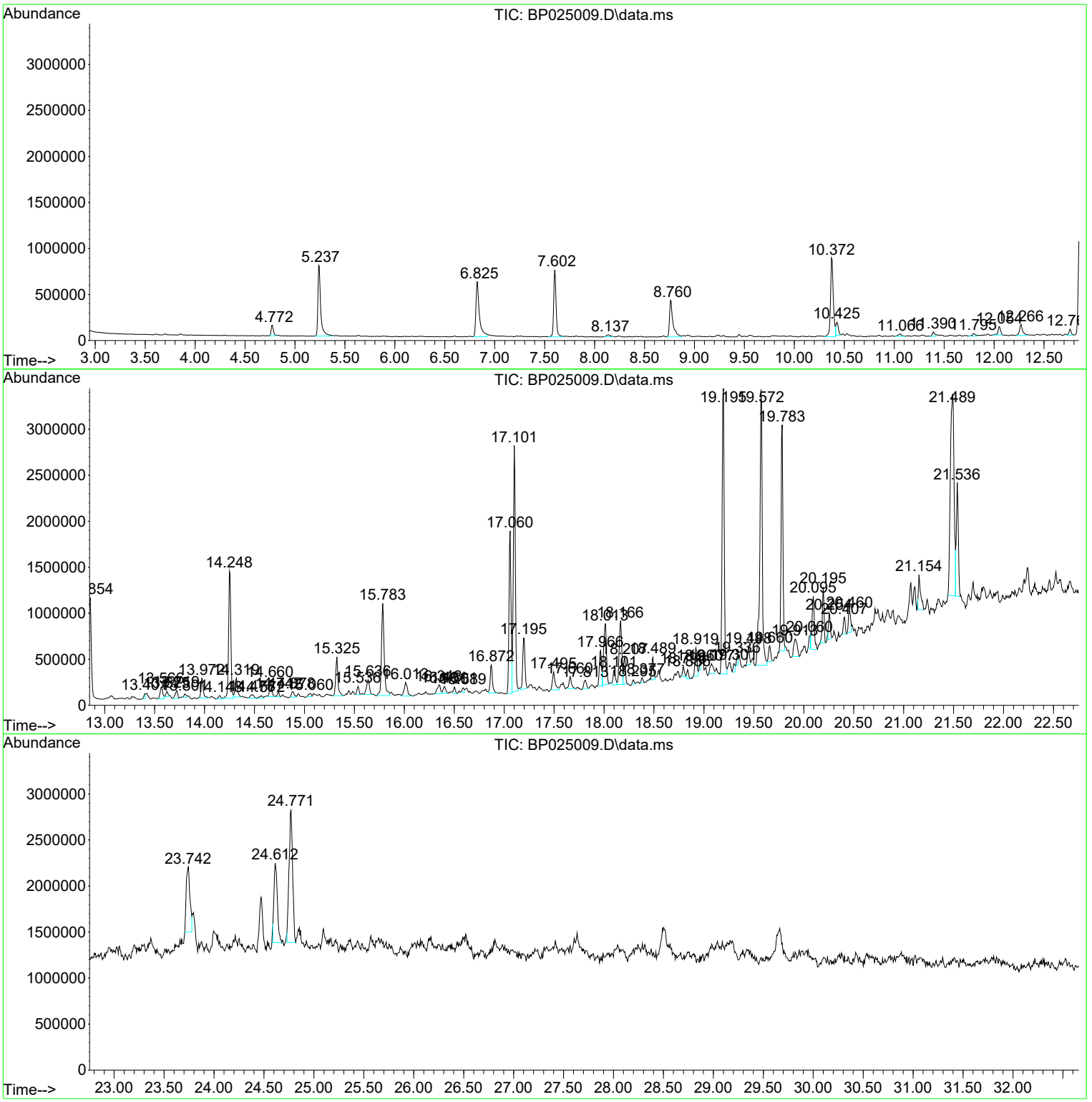
Sum of corrected areas: 63632946

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025009.D
Acq On : 19 Jun 2025 20:30
Operator : RC/JU
Sample : Q2357-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

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\BP061925\
Data File : BP025009.D
Acq On : 19 Jun 2025 20:30
Operator : RC/JU
Sample : Q2357-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

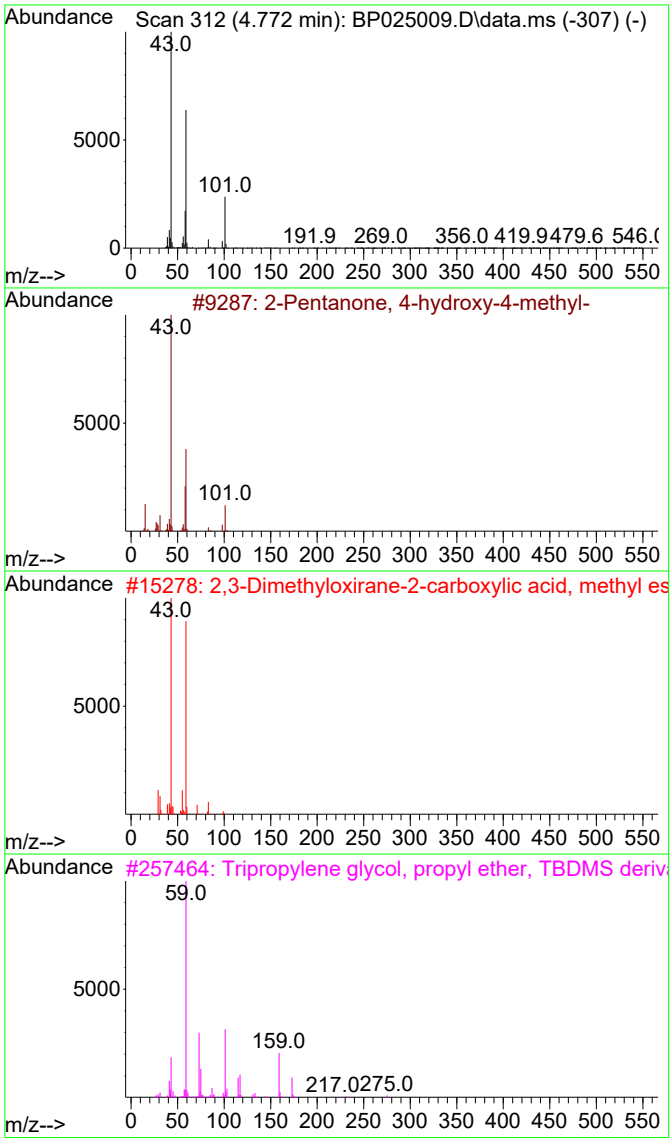
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

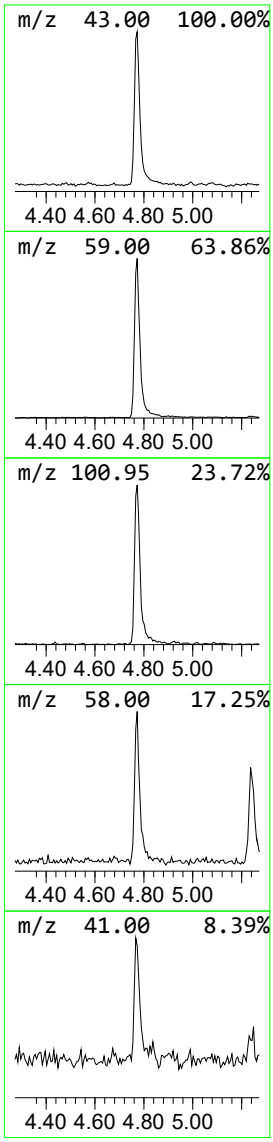
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.772	2.90 ng	176911	1,4-Dichlorobenzene-d4	7.602

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Dimethyloxirane-2-carboxylic...	130	C6H10O3	1000306-64-4	28
3	Tripropylene glycol, propyl ethe...	348	C18H40O4Si	1000367-07-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
5	Guanidine	59	CH5N3	000113-00-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025009.D
Acq On : 19 Jun 2025 20:30
Operator : RC/JU
Sample : Q2357-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

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

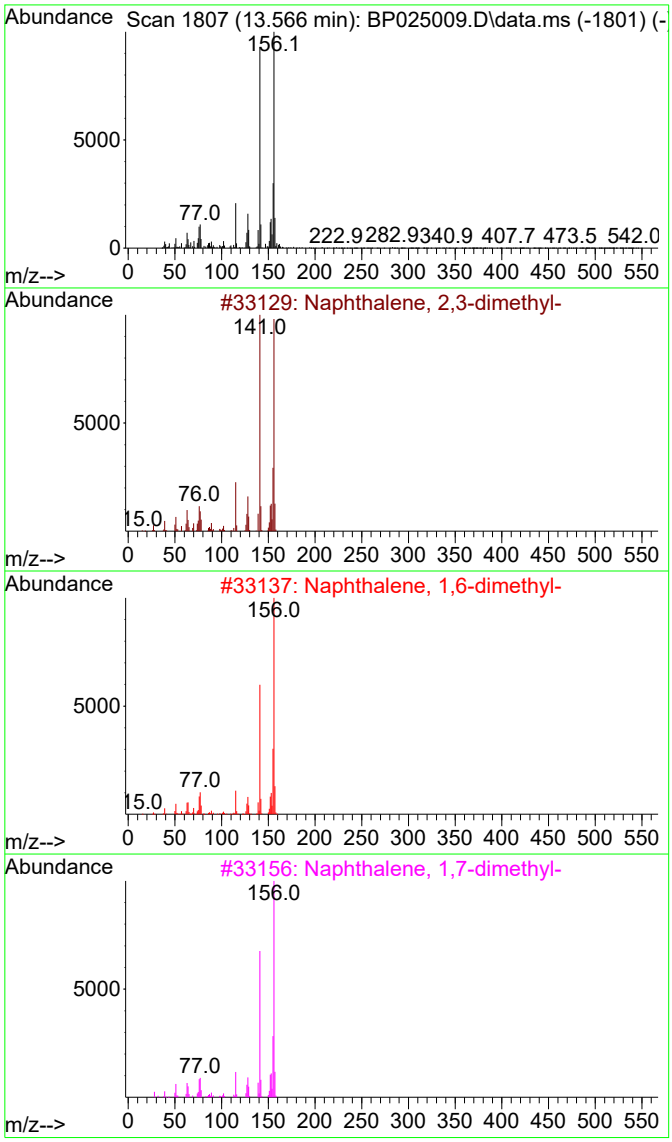
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

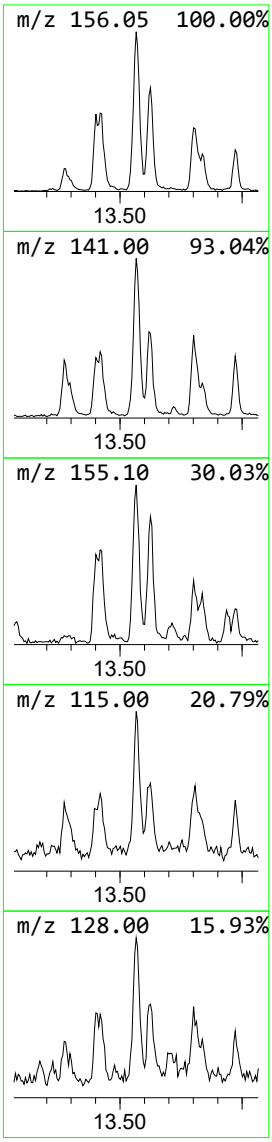
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.566	2.21 ng	243038	Acenaphthene-d10	14.248

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025009.D
Acq On : 19 Jun 2025 20:30
Operator : RC/JU
Sample : Q2357-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

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

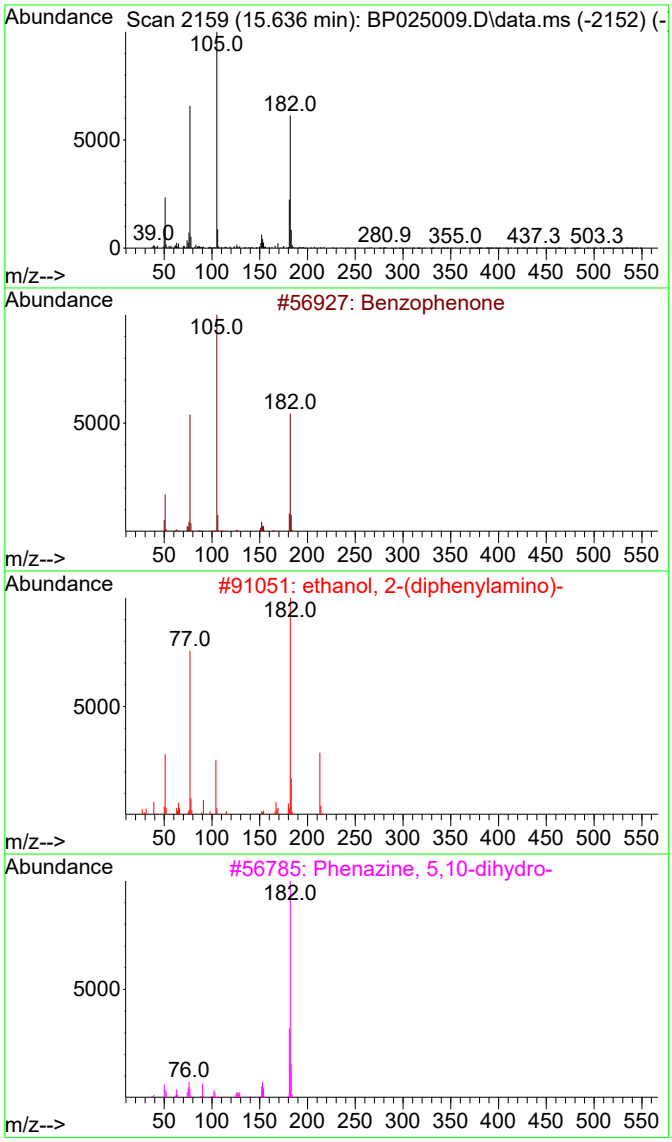
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

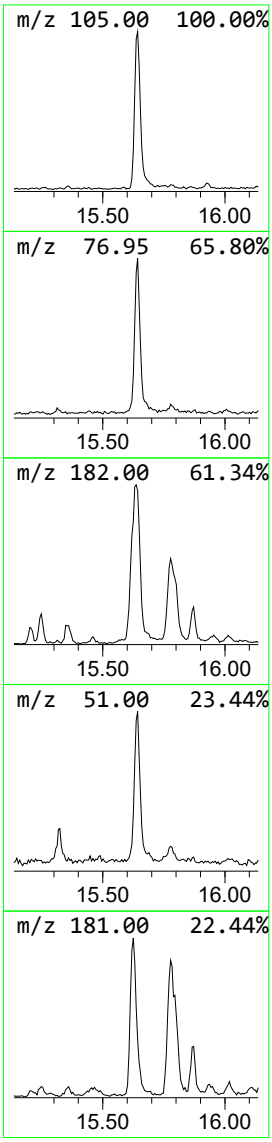
****

Peak Number 3 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.636	2.95 ng	324390	Acenaphthene-d10	14.248

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	ethanol, 2-(diphenylamino)-	213	C14H15NO	1000400-66-8	53
3	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	45
4	Azobenzene	182	C12H10N2	000103-33-3	43
5	9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025009.D
Acq On : 19 Jun 2025 20:30
Operator : RC/JU
Sample : Q2357-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

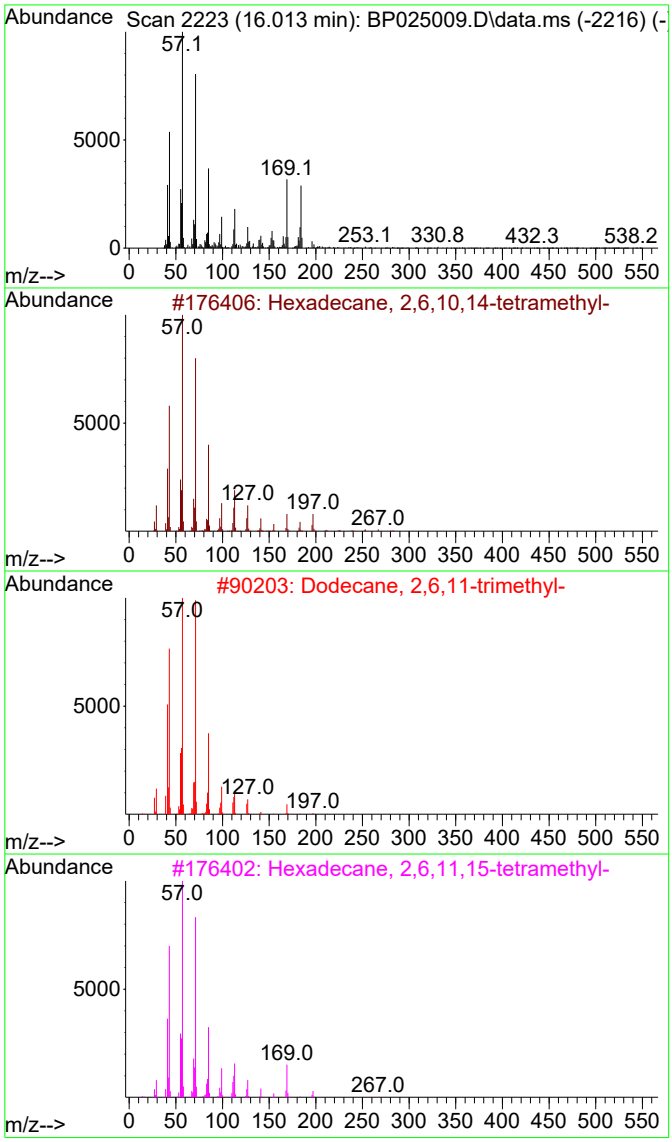
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

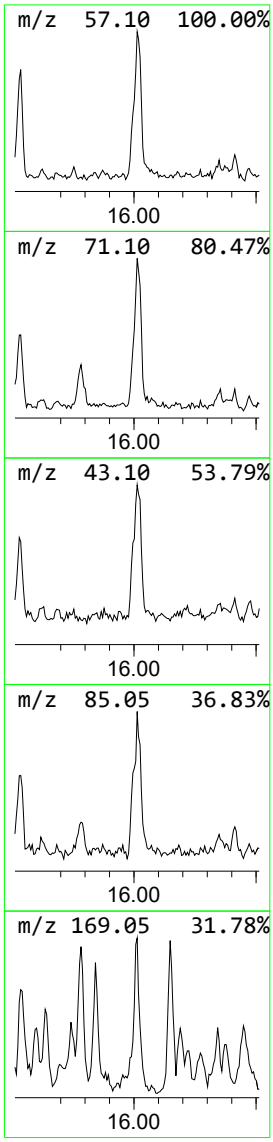
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Hexadecane, 2,6,10,14-tetra... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.013	2.66 ng	332401	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	74
5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025009.D
Acq On : 19 Jun 2025 20:30
Operator : RC/JU
Sample : Q2357-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

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

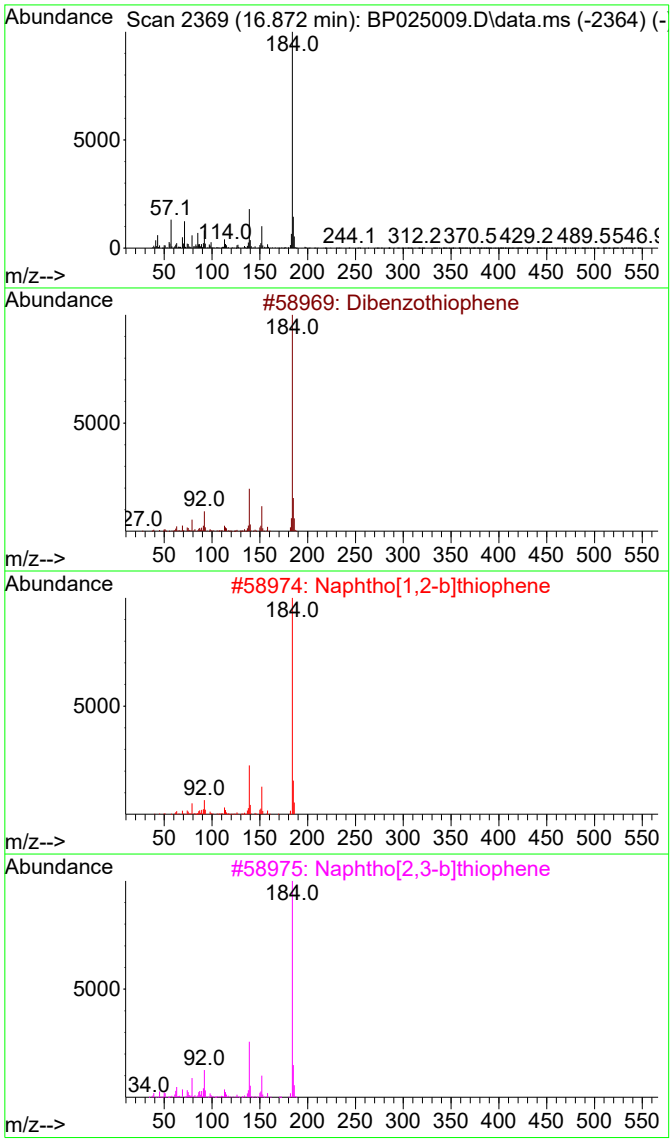
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

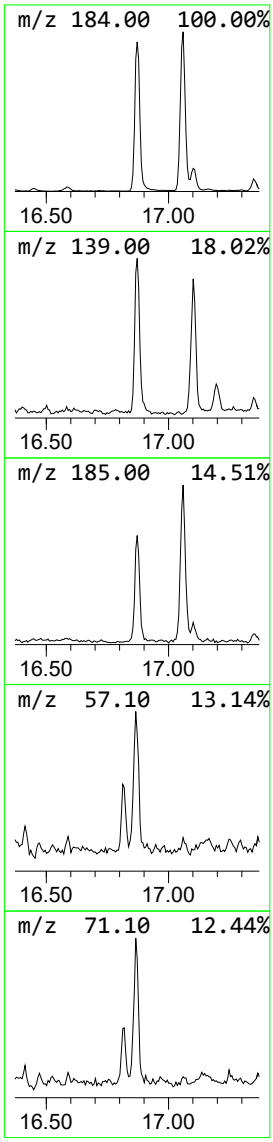
****

Peak Number 5 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.872	3.83 ng	479803	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025009.D
Acq On : 19 Jun 2025 20:30
Operator : RC/JU
Sample : Q2357-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

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

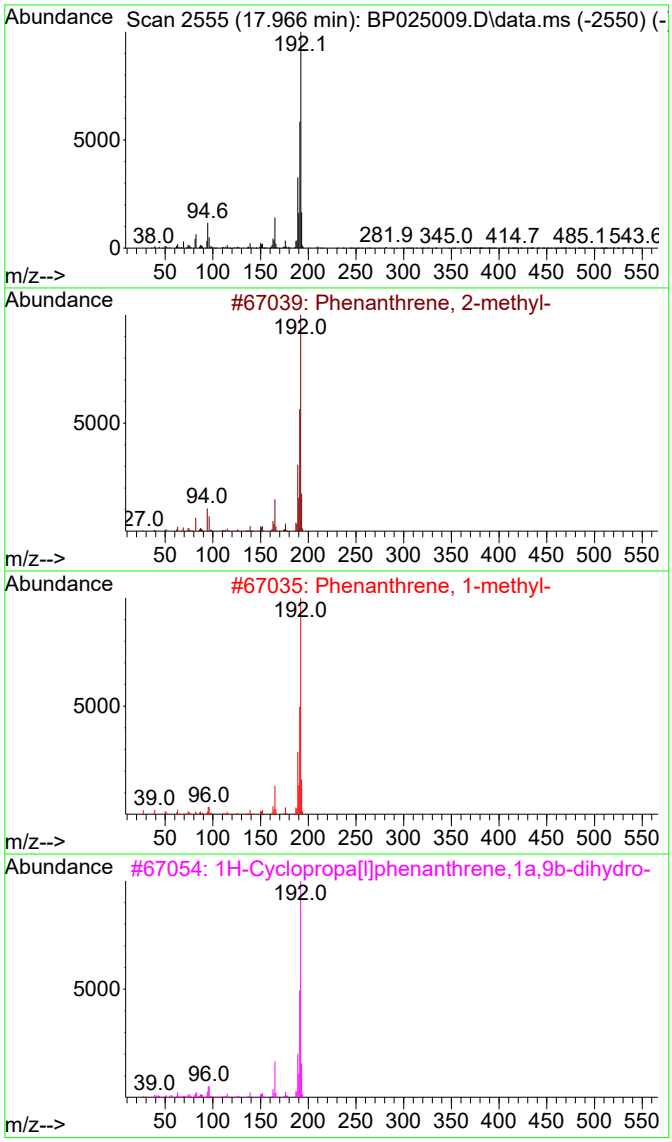
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

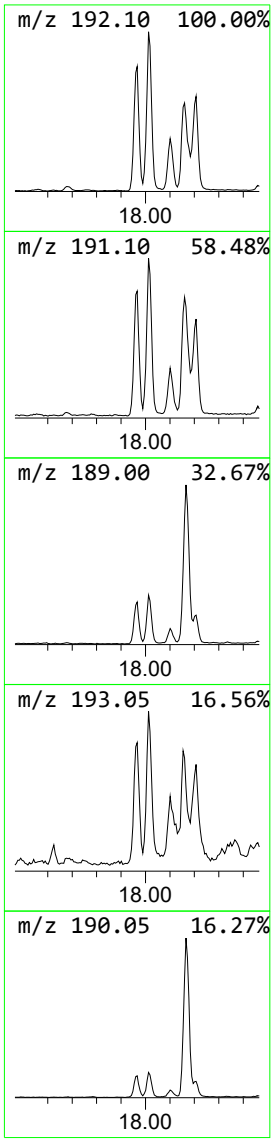
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.966	4.95 ng	619506	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025009.D
Acq On : 19 Jun 2025 20:30
Operator : RC/JU
Sample : Q2357-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

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

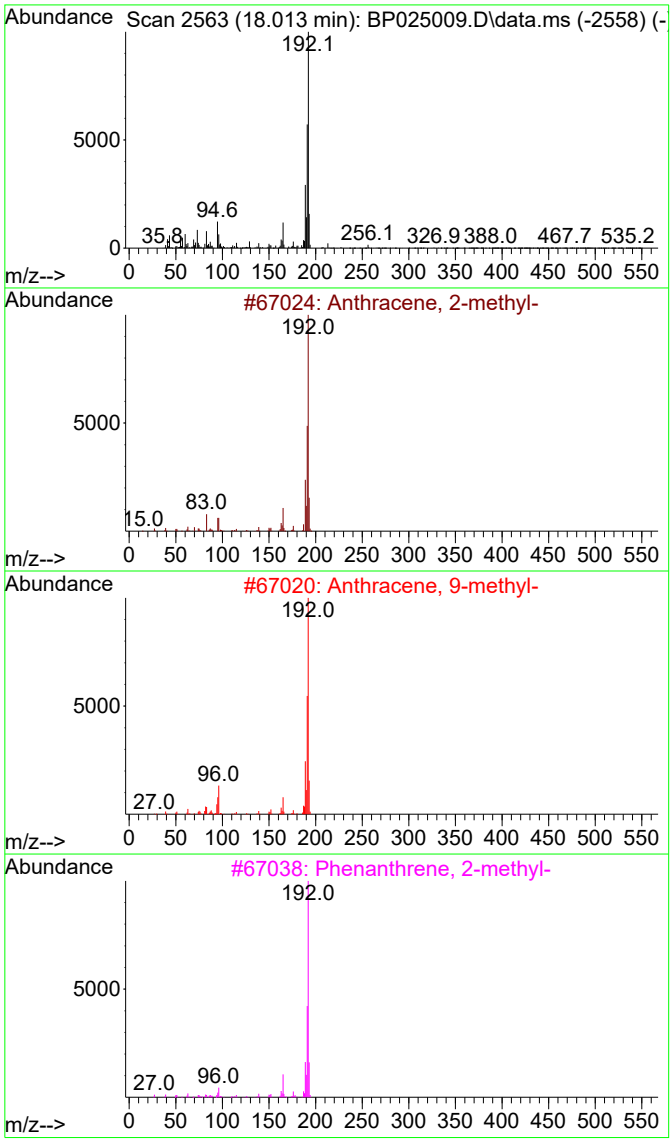
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

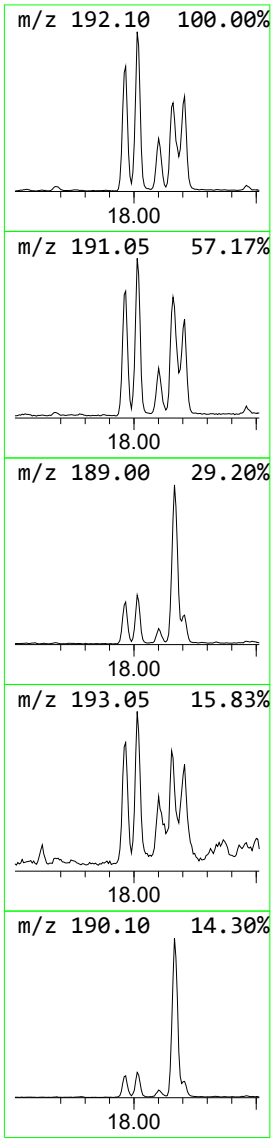
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.013	9.90 ng	1238800	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89





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Operator : RC/JU
Sample : Q2357-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

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

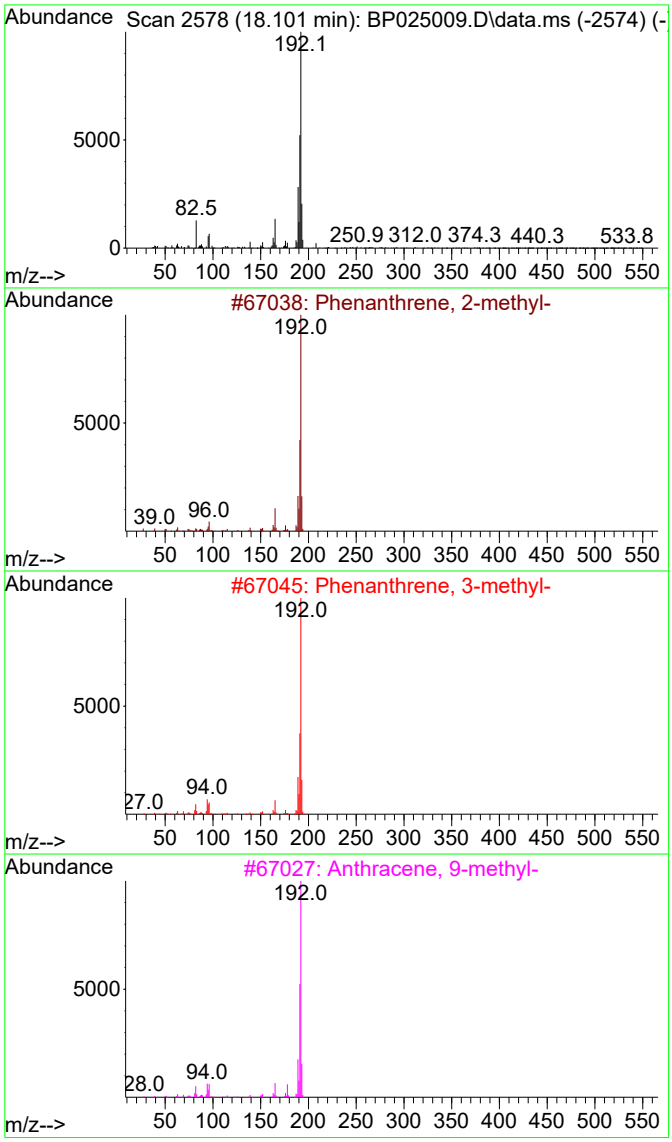
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

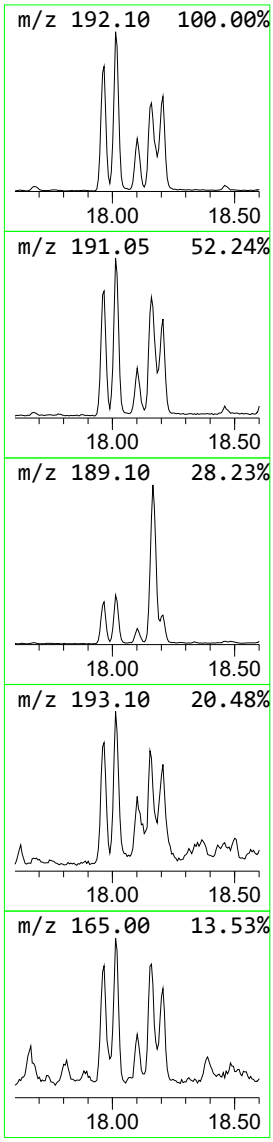
****

Peak Number 8 Phenanthrene, 3-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.101	2.09 ng	261705	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





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Acq On : 19 Jun 2025 20:30
Operator : RC/JU
Sample : Q2357-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

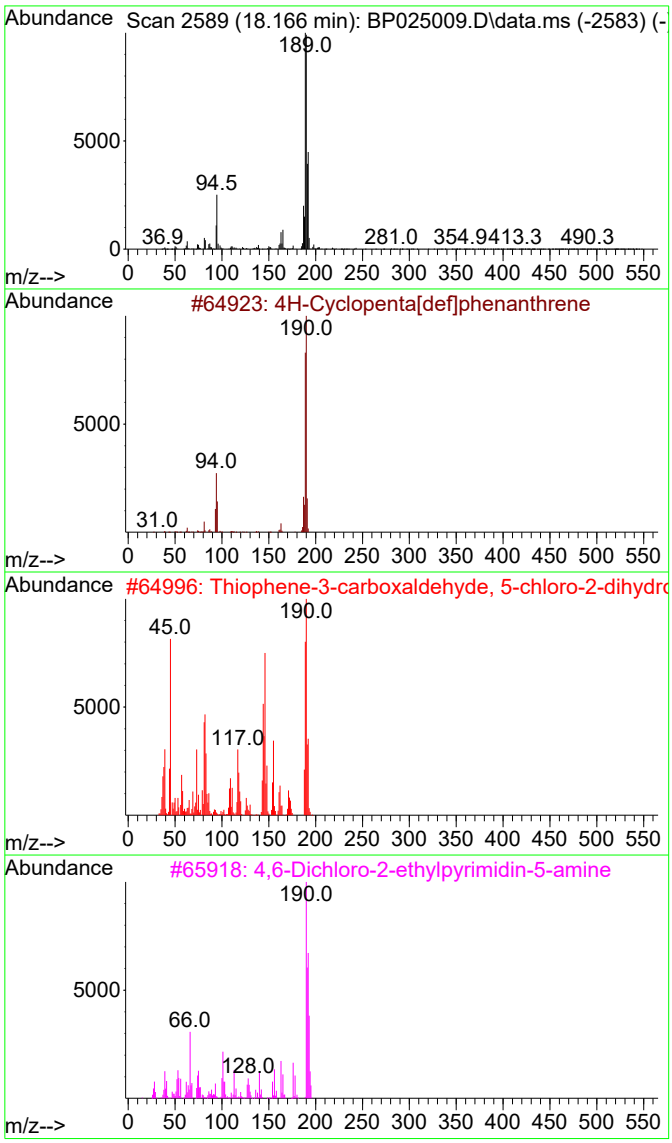
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

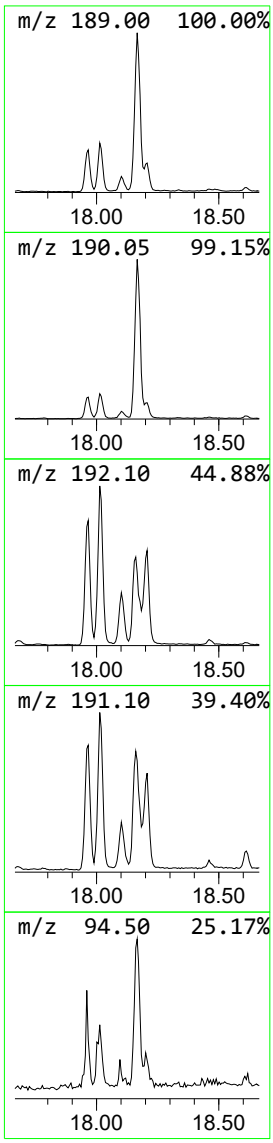
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.166	10.03 ng	1255030	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	27
4	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	25





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Data File : BP025009.D
Acq On : 19 Jun 2025 20:30
Operator : RC/JU
Sample : Q2357-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

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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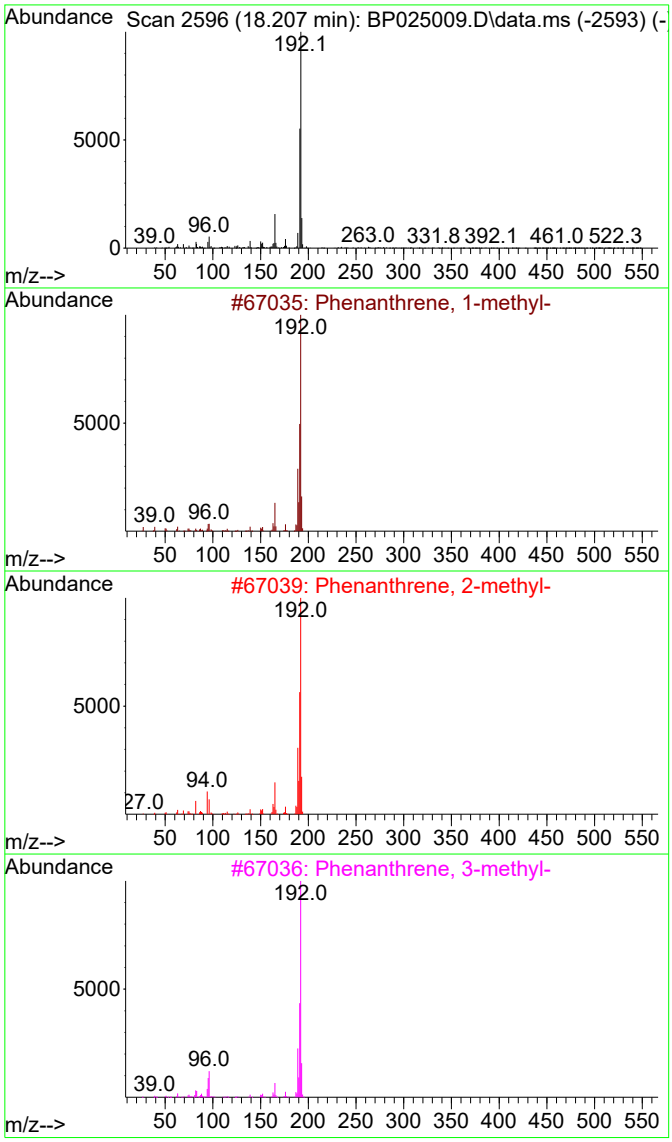
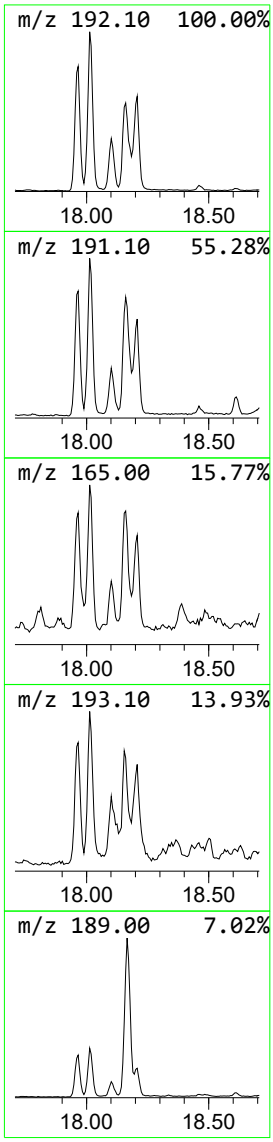
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.207	3.05 ng	381376	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Data File : BP025009.D
Acq On : 19 Jun 2025 20:30
Operator : RC/JU
Sample : Q2357-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

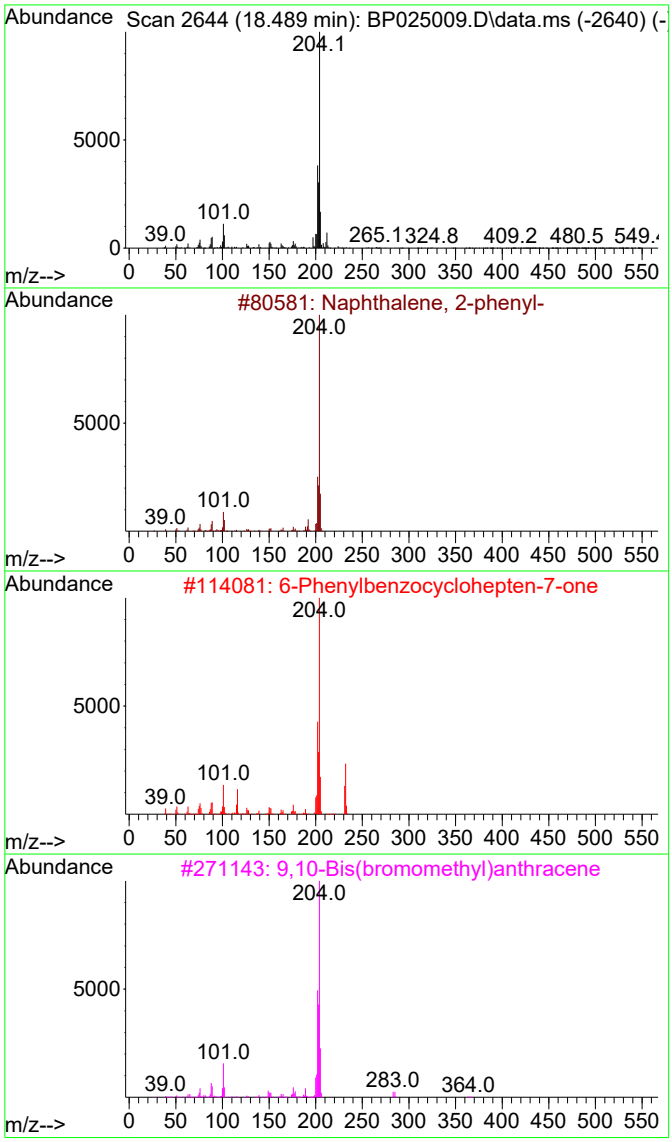
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

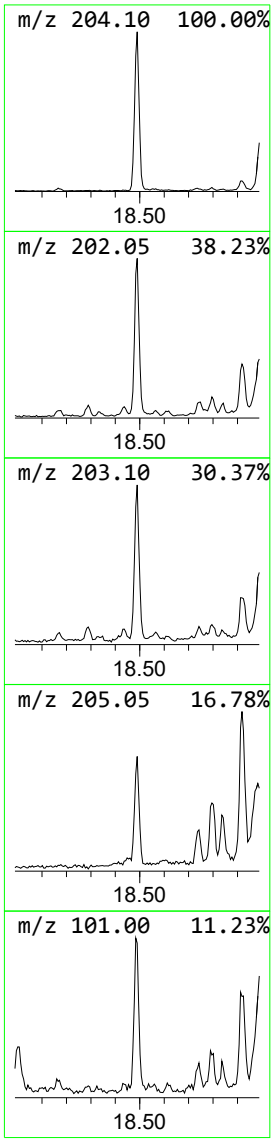
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.489	2.58 ng	322653	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	91
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	87
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78





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Acq On : 19 Jun 2025 20:30
Operator : RC/JU
Sample : Q2357-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

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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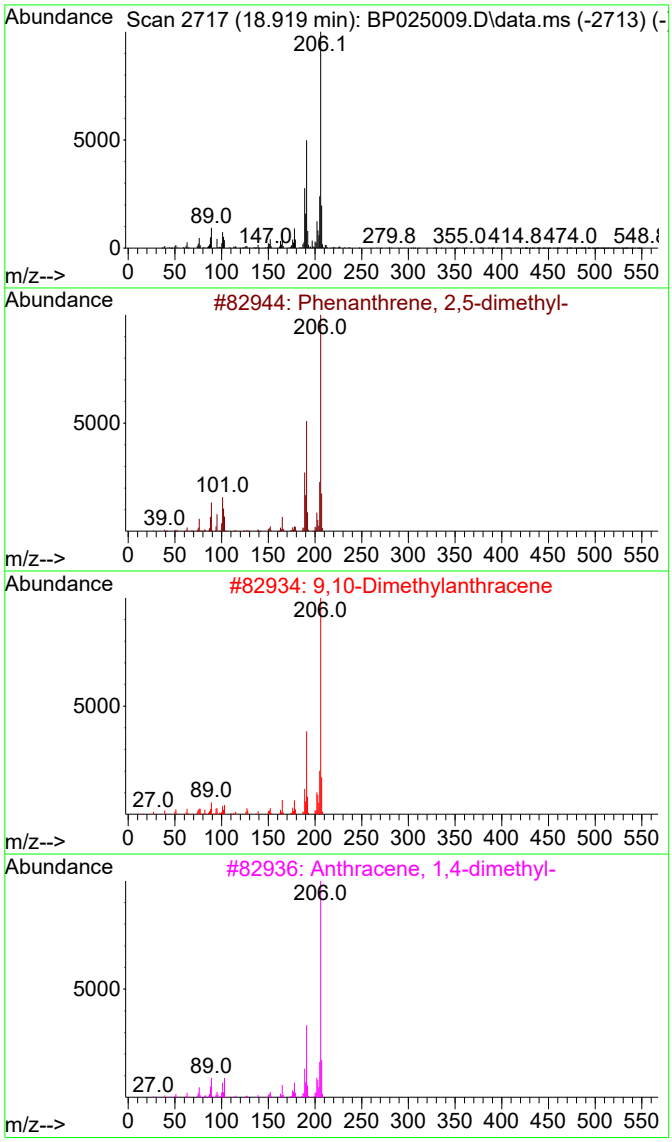
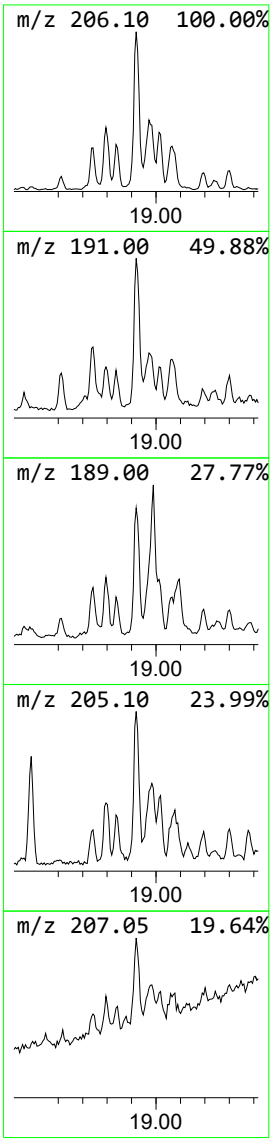
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.919	3.68 ng	460897	Phenanthrene-d10	17.060

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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Data File : BP025009.D
Acq On : 19 Jun 2025 20:30
Operator : RC/JU
Sample : Q2357-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

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

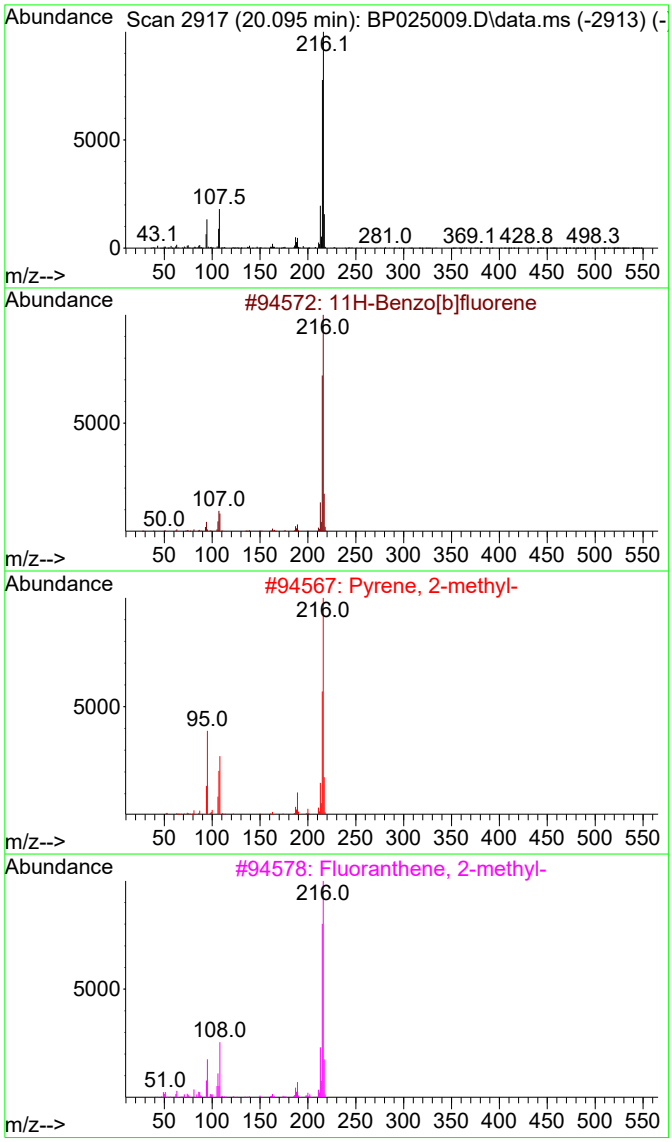
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

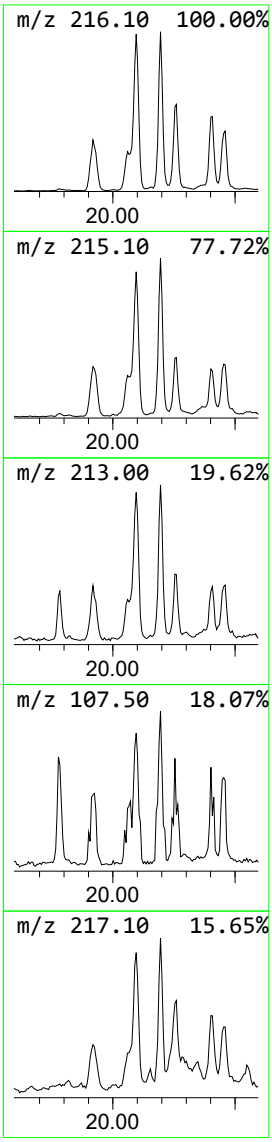
****

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.095	3.21 ng	923290	Chrysene-d12	21.495

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	81
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	72





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Operator : RC/JU
Sample : Q2357-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

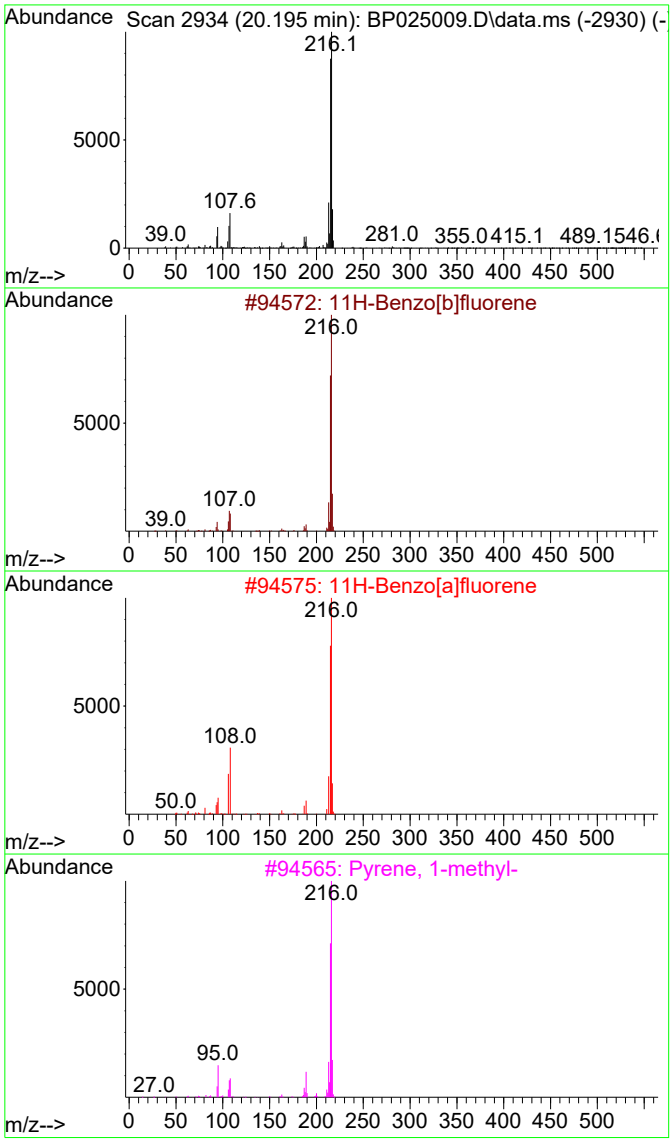
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

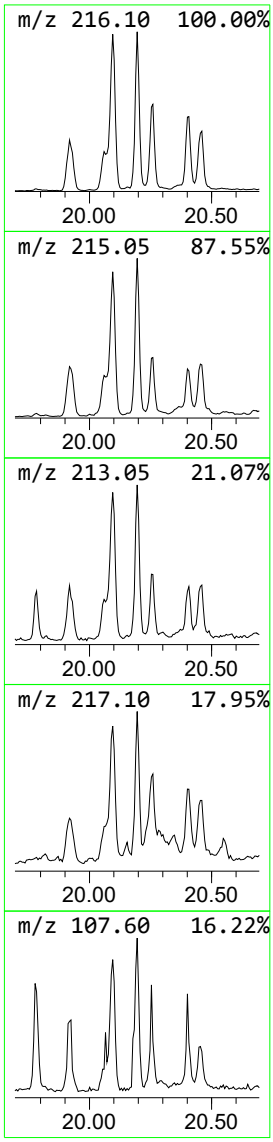
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.195	2.39 ng	687923	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	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061925\
Data File : BP025009.D
Acq On : 19 Jun 2025 20:30
Operator : RC/JU
Sample : Q2357-01 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TR-06-06182025

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
2-Pentanone, 4-...	4.772	2.9	ng	176911	1	7.602	1220550	20.0
Naphthalene, 2,...	13.566	2.2	ng	243038	3	14.248	2199490	20.0
Benzophenone	15.636	3.0	ng	324390	3	14.248	2199490	20.0
Hexadecane, 2,6...	16.013	2.7	ng	332401	4	17.060	2502430	20.0
Dibenzothiophene	16.872	3.8	ng	479803	4	17.060	2502430	20.0
Phenanthrene, 2...	17.966	5.0	ng	619506	4	17.060	2502430	20.0
Anthracene, 2-m...	18.013	9.9	ng	1238800	4	17.060	2502430	20.0
Phenanthrene, 3...	18.101	2.1	ng	261705	4	17.060	2502430	20.0
4H-Cyclopenta[d...	18.166	10.0	ng	1255030	4	17.060	2502430	20.0
Phenanthrene, 1...	18.207	3.0	ng	381376	4	17.060	2502430	20.0
Naphthalene, 2-...	18.489	2.6	ng	322653	4	17.060	2502430	20.0
Phenanthrene, 2...	18.919	3.7	ng	460897	4	17.060	2502430	20.0
11H-Benzo[b]flu...	20.095	3.2	ng	923290	5	21.495	5760570	20.0
11H-Benzo[a]flu...	20.195	2.4	ng	687923	5	21.495	5760570	20.0