LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071125\
Data File : BM050417.D
Acq On : 11 Jul 2025 17:48
Operator : RC/JU
Sample : Q2551-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-204

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_M\Methods\8270-BM070925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM050417.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	4	9	23	rVB	1298743	1641800	10.14%	0.919%
2	4.969	331	337	347	rVB	720160	1012783	6.25%	0.567%
3	5.434	410	416	426	rBV	4412849	6287325	38.83%	3.518%
4	7.016	677	685	697	rBV	4188426	6537419	40.37%	3.658%
5	7.857	822	828	835	rBV	1323230	2129443	13.15%	1.192%
6	9.010	1012	1024	1031	rBV	2488208	4022098	24.84%	2.251%
7	10.657	1295	1304	1310	rBV	1609081	2744227	16.95%	1.536%
8	13.116	1715	1722	1730	rBV	6331486	9443120	58.32%	5.285%
9	13.657	1808	1814	1822	rBV4	94406	239853	1.48%	0.134%
10	13.810	1832	1840	1845	rBV2	162724	297153	1.84%	0.166%
11	14.210	1902	1908	1919	rVB	417350	668054	4.13%	0.374%
12	14.486	1947	1955	1961	rBV	2426033	3603353	22.25%	2.016%
13	14.551	1961	1966	1974	rVB	631213	944385	5.83%	0.528%
14	14.886	2017	2023	2031	rVB	356315	575440	3.55%	0.322%
15	15.027	2041	2047	2051	rBV	219136	345922	2.14%	0.194%
16	15.104	2055	2060	2065	rVB3	108093	197138	1.22%	0.110%
17	15.527	2127	2132	2141	rBV	631335	961420	5.94%	0.538%
18	15.839	2178	2185	2194	rVB2	862837	1383066	8.54%	0.774%
19	15.968	2200	2207	2215	rBV	5288028	7537711	46.55%	4.218%
20	16.198	2240	2246	2250	rBV4	180893	358335	2.21%	0.201%
21	16.533	2297	2303	2308	rVB2	112358	204274	1.26%	0.114%
22	16.868	2356	2360	2369	rVB2	645339	975497	6.02%	0.546%
23	16.957	2371	2375	2381	rVV3	92957	267359	1.65%	0.150%
24	17.039	2385	2389	2399	rVB	317996	498851	3.08%	0.279%
25	17.221	2414	2420	2423	rBV	3050940	4237427	26.17%	2.371%
26	17.262	2423	2427	2434	rVV	4812678	6783503	41.89%	3.796%
27	17.321	2434	2437	2438	rVV2	207852	230928	1.43%	0.129%
28	17.351	2438	2442	2448	rVV	1202649	1717434	10.61%	0.961%
29	17.410	2448	2452	2457	rVB3	105625	188574	1.16%	0.106%
30	17.615	2480	2487	2492	rBV2	231039	524555	3.24%	0.294%
31	17.739	2504	2508	2515	rBV3	121204	181091	1.12%	0.101%
32	17.798	2515	2518	2522	rBV	130891	170414	1.05%	0.095%
33	17.874	2525	2531	2538	rVB	11788814	14825517	91.56%	8.297%
34	18.098	2558	2569	2570	rBV	587831	968384	5.98%	0.542%
35	18.121	2570	2573	2583	rVV2	1889304	3732105	23.05%	2.089%
36	18.221	2587	2590	2595	rVV	331975	511563	3.16%	0.286%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071125\
Data File : BM050417.D
Acq On : 11 Jul 2025 17:48
Operator : RC/JU
Sample : Q2551-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-204

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_M\Methods\8270-BM070925.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.292	2596	2602	2606	rVV3	948911	1808047	11.17%	1.012%
38	18.321	2606	2607	2614	rVB2	356419	422687	2.61%	0.237%
39	18.592	2649	2653	2656	rBV	343118	460375	2.84%	0.258%
40	18.627	2656	2659	2671	rVB2	358325	559297	3.45%	0.313%
41	19.021	2720	2726	2730	rBV	9779341	11153934	68.88%	6.242%
42	19.145	2743	2747	2754	rBV	329959	547801	3.38%	0.307%
43	19.268	2763	2768	2775	rBV	7346522	9844589	60.80%	5.509%
44	19.398	2786	2790	2793	rBV	767842	1094310	6.76%	0.612%
45	19.633	2820	2830	2838	rBV	6207528	9813389	60.60%	5.492%
46	19.833	2857	2864	2869	rBV	12541758	16192515	100.00%	9.062%
47	19.956	2880	2885	2888	rBV4	320126	714280	4.41%	0.400%
48	19.986	2888	2890	2897	rVB2	491638	687089	4.24%	0.385%
49	20.127	2910	2914	2917	rVB	732180	973209	6.01%	0.545%
50	20.221	2927	2930	2934	rBV	447630	555051	3.43%	0.311%
51	20.280	2937	2940	2944	rVB2	427017	577526	3.57%	0.323%
52	20.421	2961	2964	2968	rBV	363129	483179	2.98%	0.270%
53	20.868	3037	3040	3046	rVB	388410	526286	3.25%	0.295%
54	20.962	3053	3056	3062	rBV2	447452	596158	3.68%	0.334%
55	21.092	3075	3078	3081	rBV	999951	1256627	7.76%	0.703%
56	21.127	3081	3084	3090	rVB3	1184258	1824468	11.27%	1.021%
57	21.362	3121	3124	3126	rBV	537659	701781	4.33%	0.393%
58	21.445	3131	3138	3143	rVV2	4721563	10761472	66.46%	6.022%
59	21.492	3143	3146	3159	rVB	2219129	3496777	21.60%	1.957%
60	23.527	3485	3492	3499	rBV	1758429	5101049	31.50%	2.855%
61	24.203	3602	3607	3621	rVB	1122035	2786777	17.21%	1.560%
62	24.344	3625	3631	3641	rVB	1289202	3077077	19.00%	1.722%
63	24.486	3647	3655	3662	rBV	2244537	5731177	35.39%	3.207%

Sum of corrected areas: 178694448

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071125\
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Acq On : 11 Jul 2025 17:48
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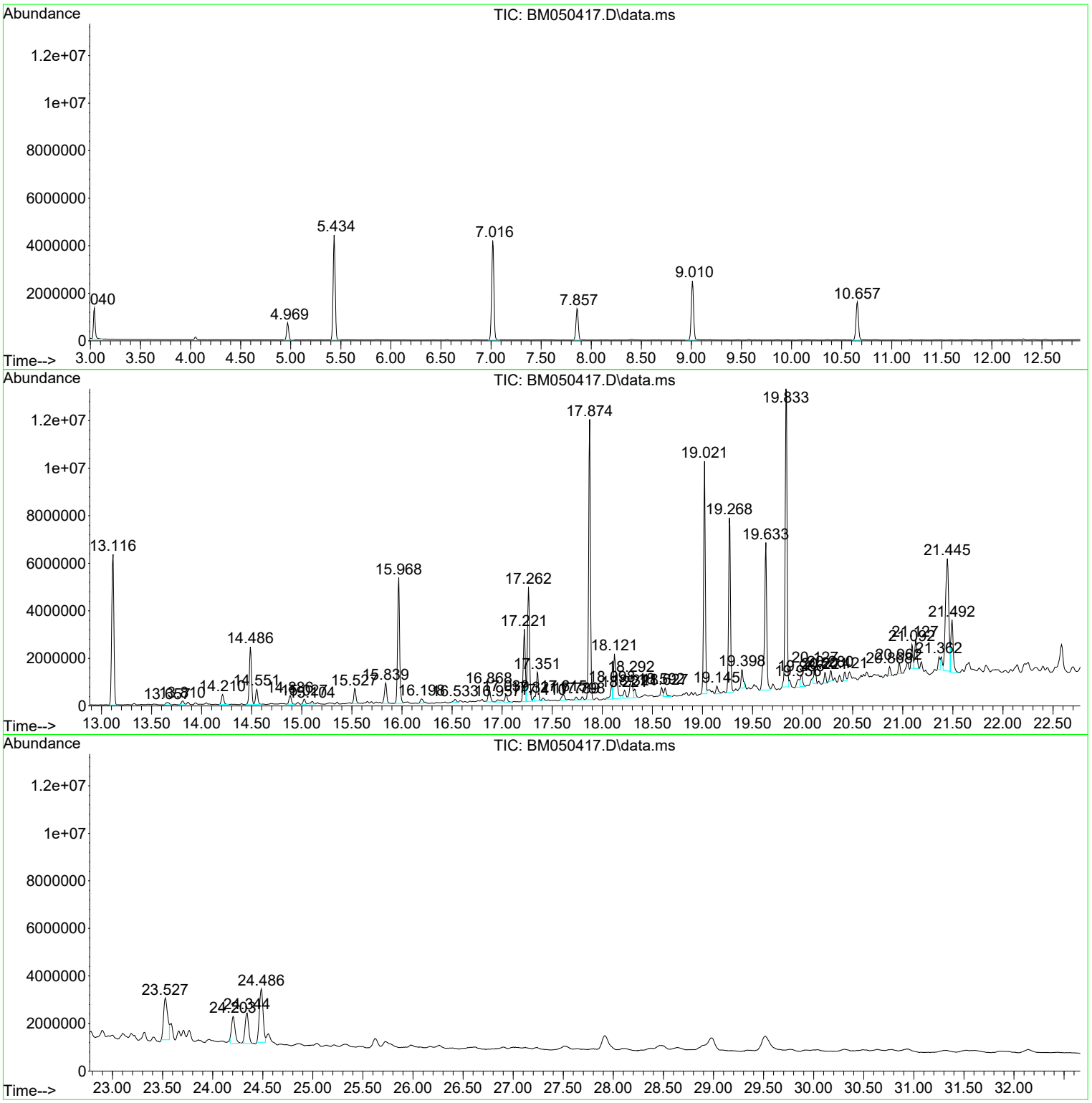
Sample : Q2551-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.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_M\Data\BM071125\
Data File : BM050417.D
Acq On : 11 Jul 2025 17:48
Operator : RC/JU
Sample : Q2551-02
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BNA_M
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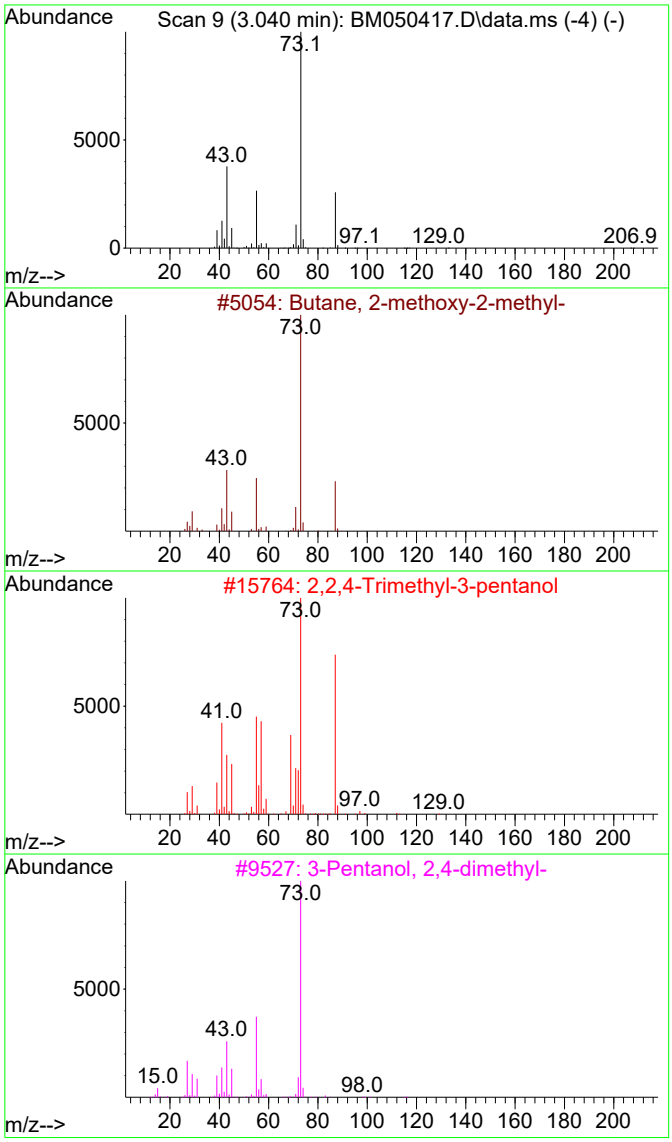
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

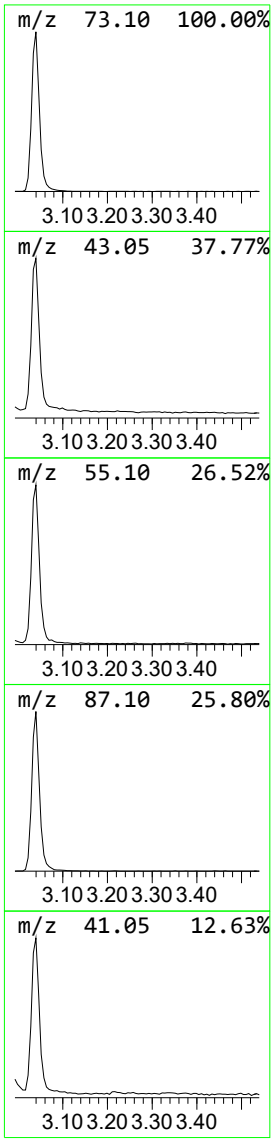
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	15.42 ng	1641800	1,4-Dichlorobenzene-d4	7.857

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	40
3	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071125\
Data File : BM050417.D
Acq On : 11 Jul 2025 17:48
Operator : RC/JU
Sample : Q2551-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-204

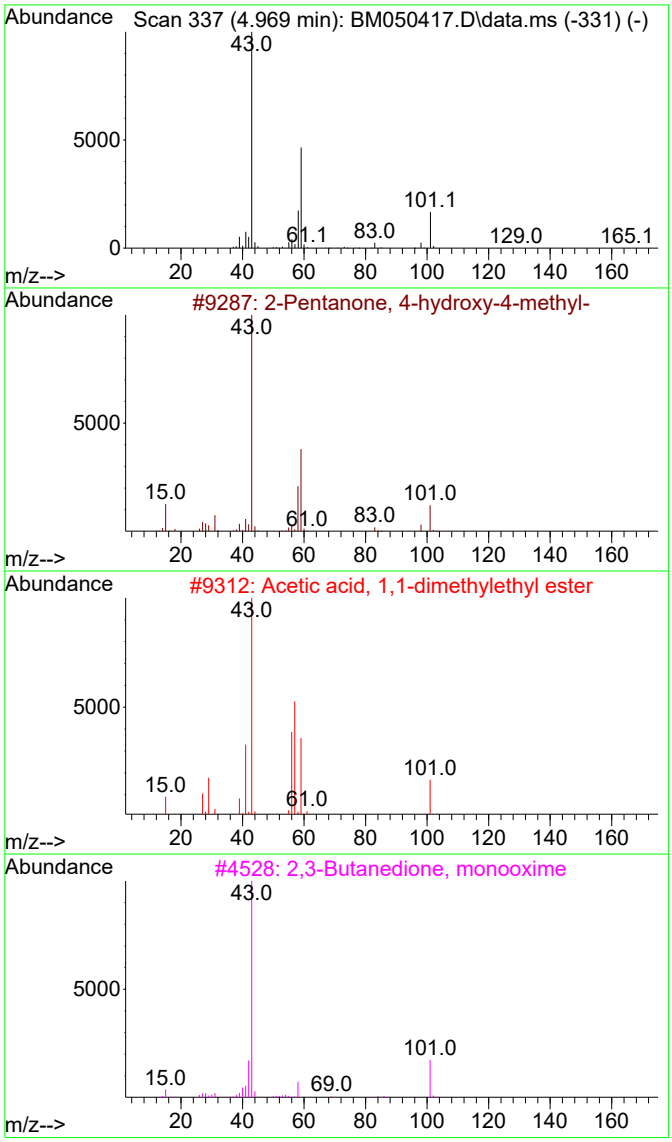
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

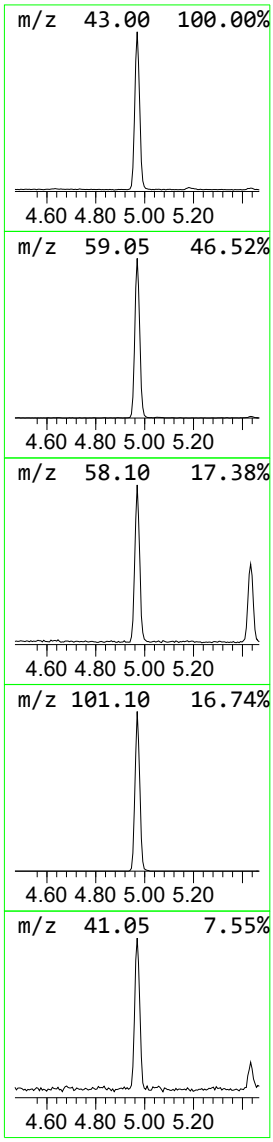
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.969	9.51 ng	1012780	1,4-Dichlorobenzene-d4	7.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	Acetone	58	C3H6O	000067-64-1	12
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071125\
Data File : BM050417.D
Acq On : 11 Jul 2025 17:48
Operator : RC/JU
Sample : Q2551-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

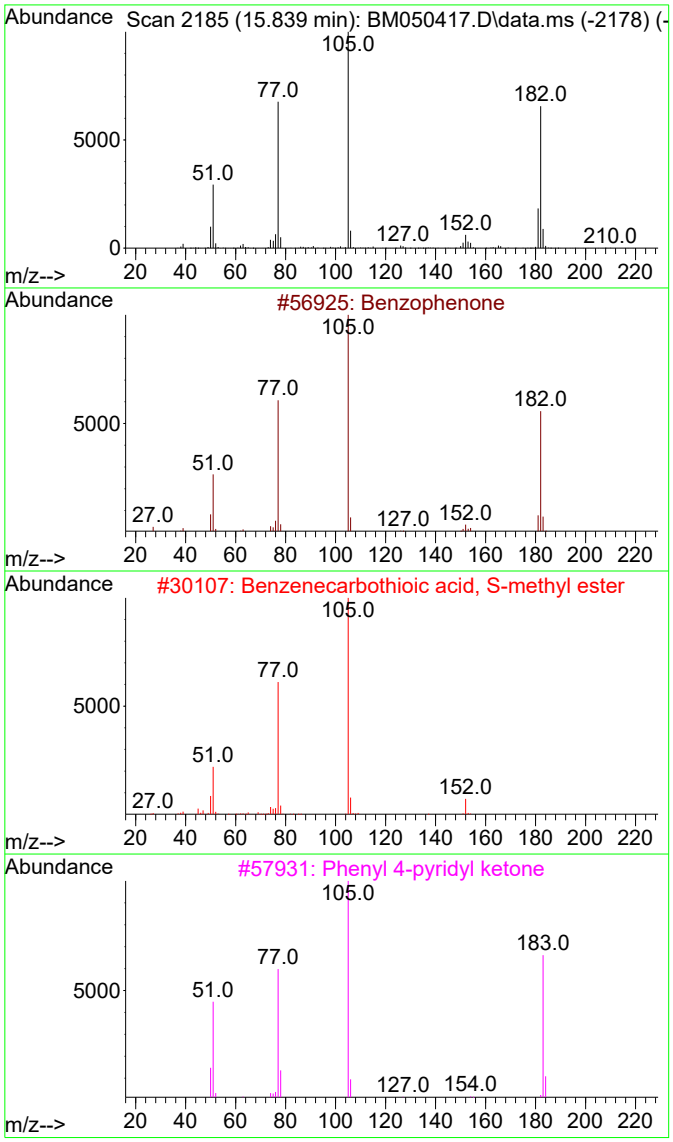
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

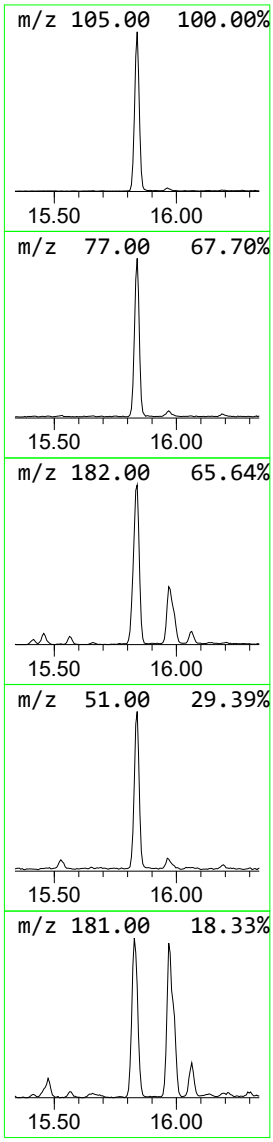
****

Peak Number 3 Benzophenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.839	7.68 ng	1383070	Acenaphthene-d10	14.486

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	53
3	Phenyl 4-pyridyl ketone	183	C12H9NO	014548-46-0	53
4	.beta.-Benzilmonoxime	225	C14H11NO2	014090-77-8	47
5	N-(1-Cyanovinyl)benzamide	172	C10H8N2O	1000186-19-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071125\
Data File : BM050417.D
Acq On : 11 Jul 2025 17:48
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Sample : Q2551-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

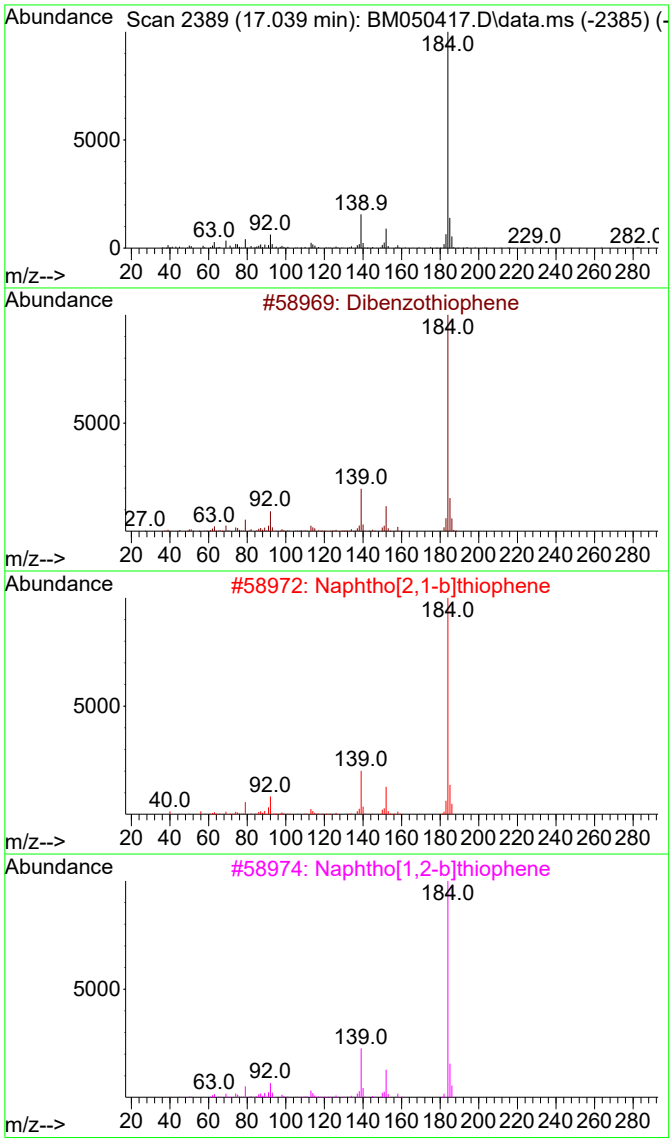
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

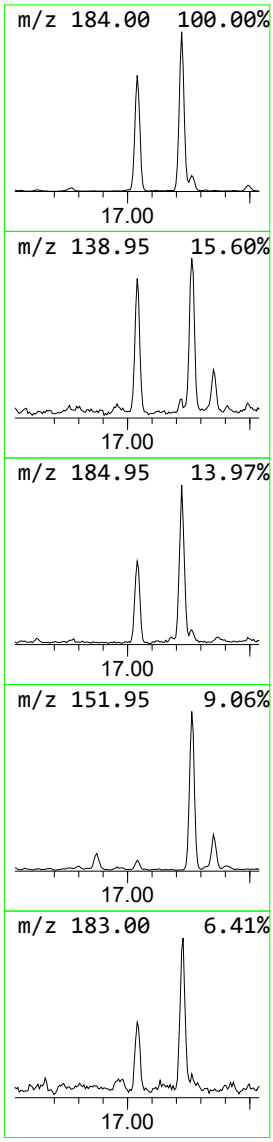
****

Peak Number 4 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.039	2.35 ng	498851	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071125\
Data File : BM050417.D
Acq On : 11 Jul 2025 17:48
Operator : RC/JU
Sample : Q2551-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

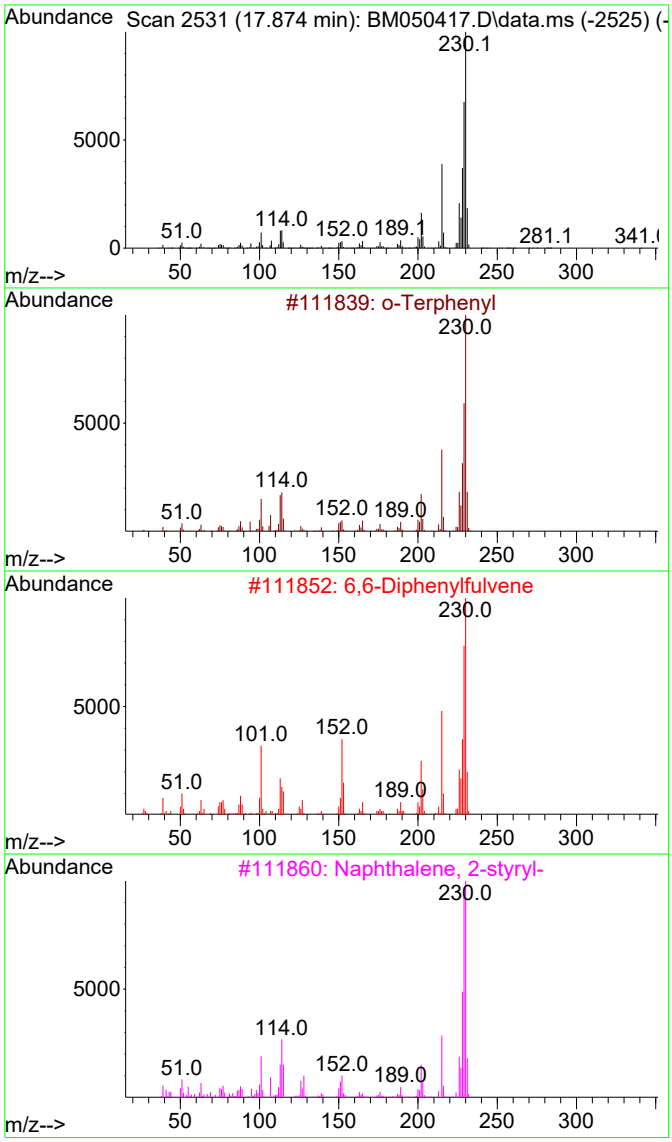
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

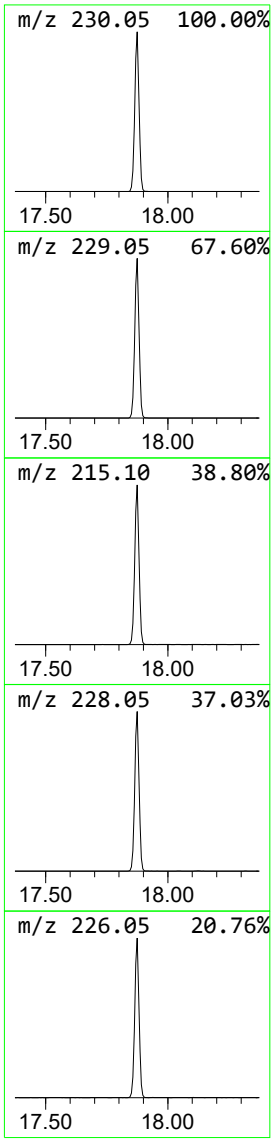
****

Peak Number 6 o-Terphenyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.874	69.97 ng	14825500	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	98
2	6,6-Diphenylfulvene	230	C18H14	002175-90-8	90
3	Naphthalene, 2-styryl-	230	C18H14	002039-70-5	89
4	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	64
5	Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	60





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Data File : BM050417.D
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Instrument :
BNA_M
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VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

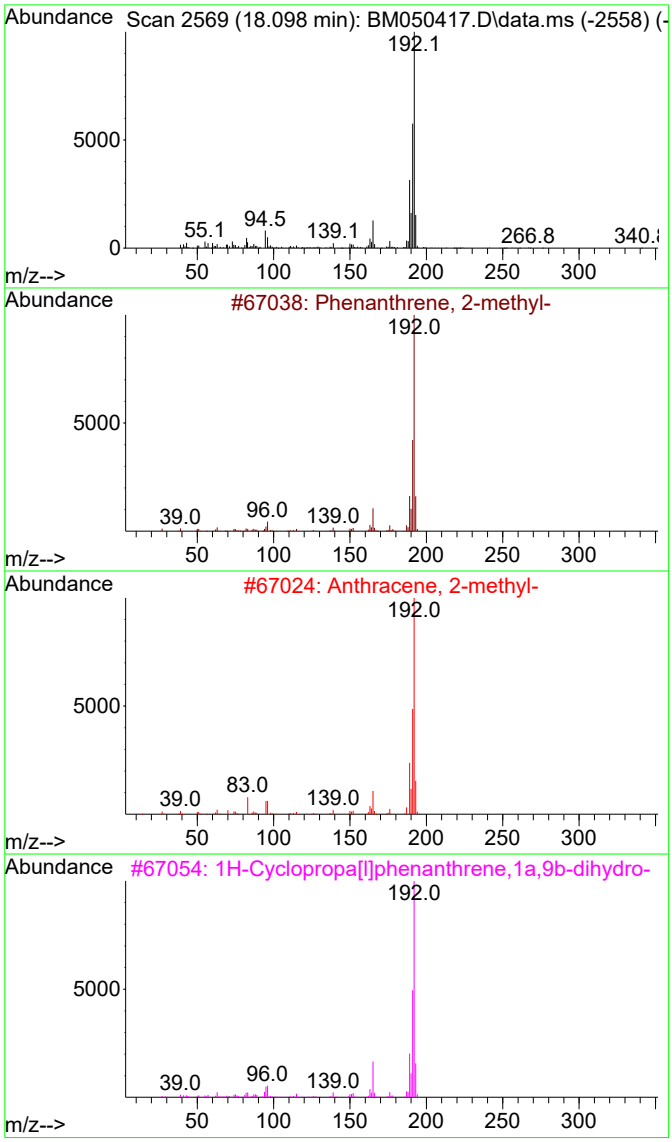
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

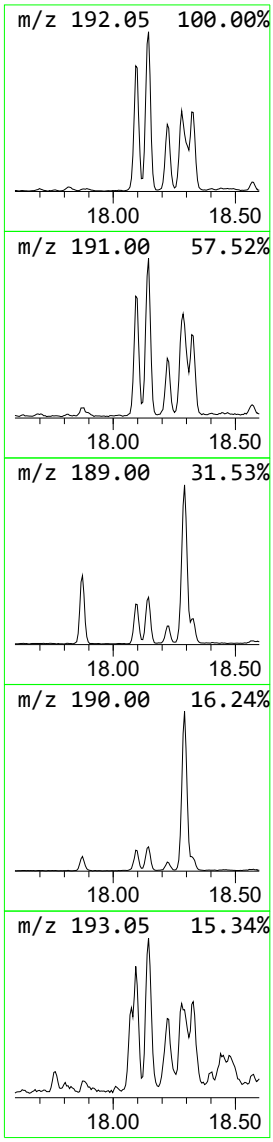
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.098	4.57 ng	968384	Phenanthrene-d10	17.221

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	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071125\
Data File : BM050417.D
Acq On : 11 Jul 2025 17:48
Operator : RC/JU
Sample : Q2551-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

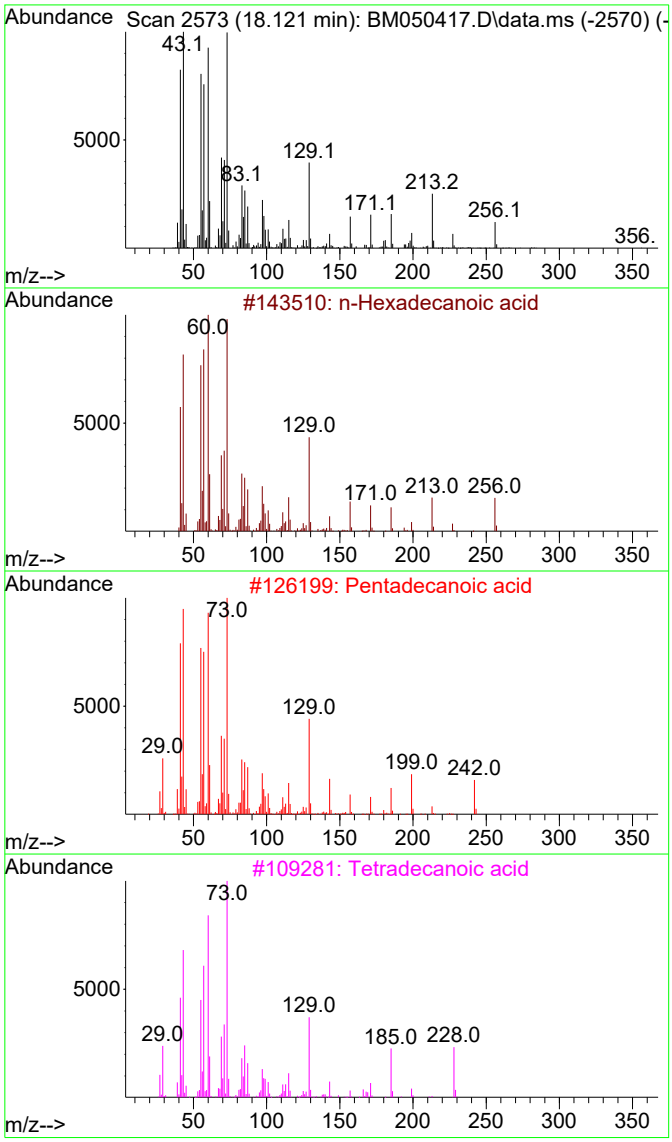
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

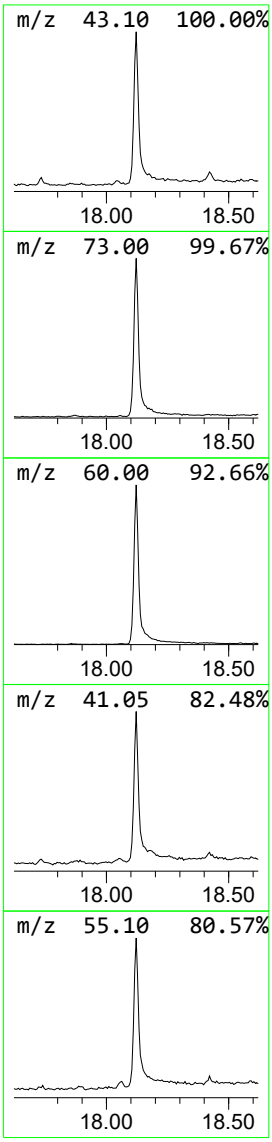
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	17.61 ng	3732110	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





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Data File : BM050417.D
Acq On : 11 Jul 2025 17:48
Operator : RC/JU
Sample : Q2551-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

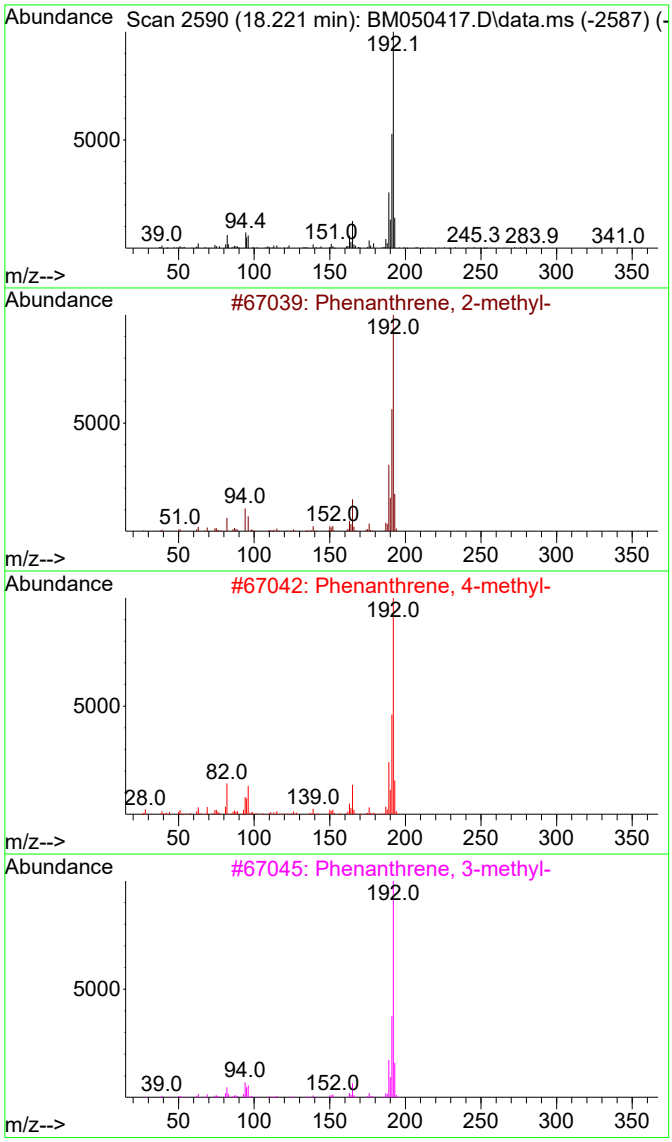
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

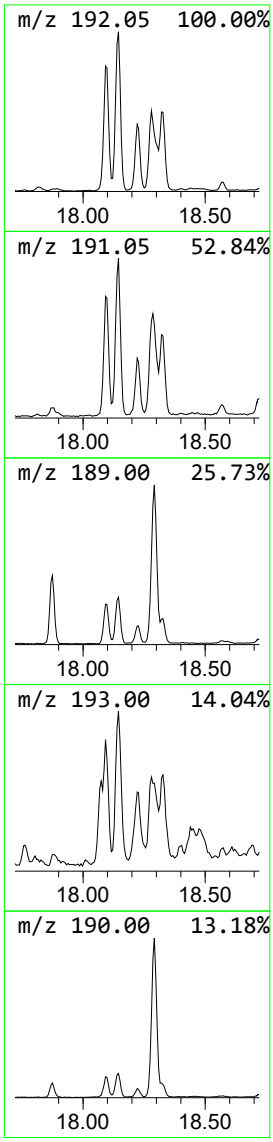
****

Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.221	2.41 ng	511563	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Acq On : 11 Jul 2025 17:48
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Sample : Q2551-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-204

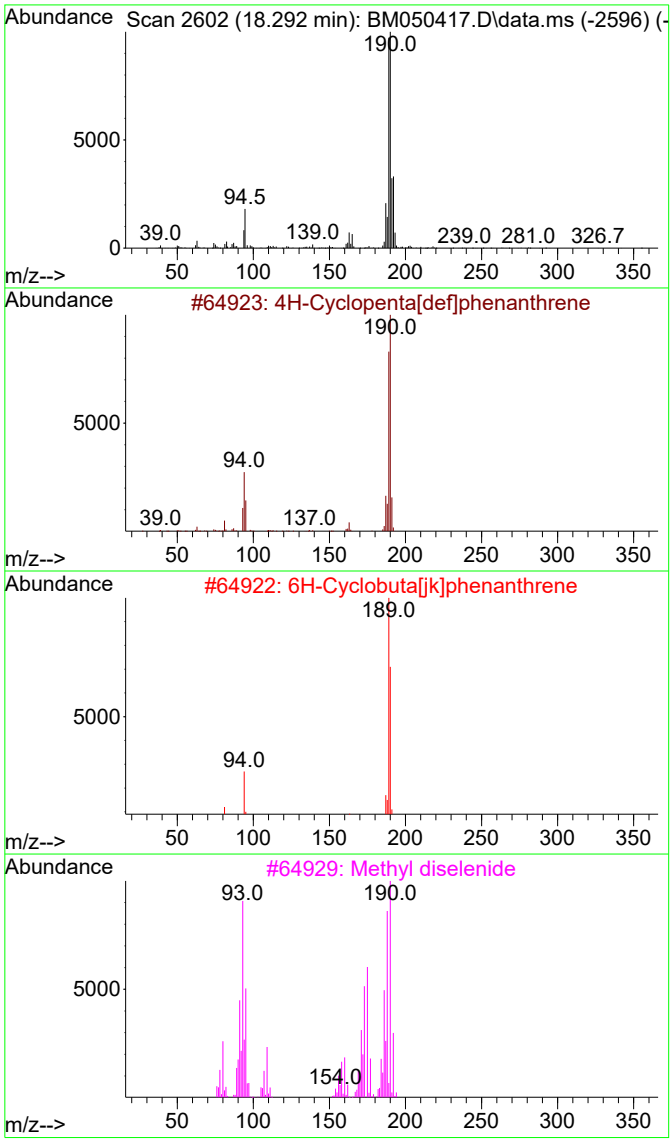
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

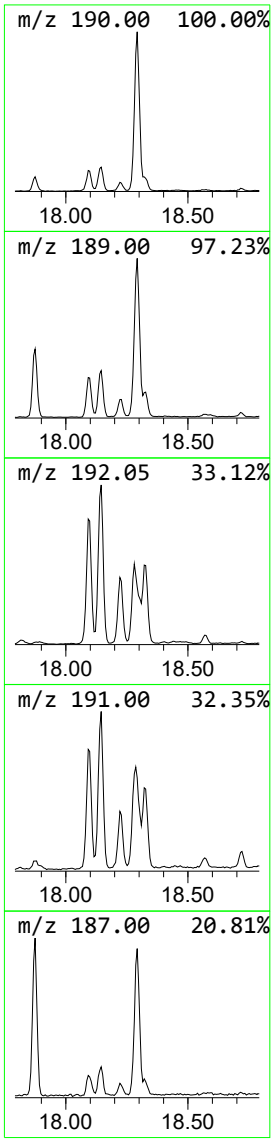
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.292	8.53 ng	1808050	Phenanthrene-d10	17.221

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	72
3	Methyl diselenide	190	C2H6Se2	007101-31-7	55
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25





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Data File : BM050417.D
Acq On : 11 Jul 2025 17:48
Operator : RC/JU
Sample : Q2551-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-204

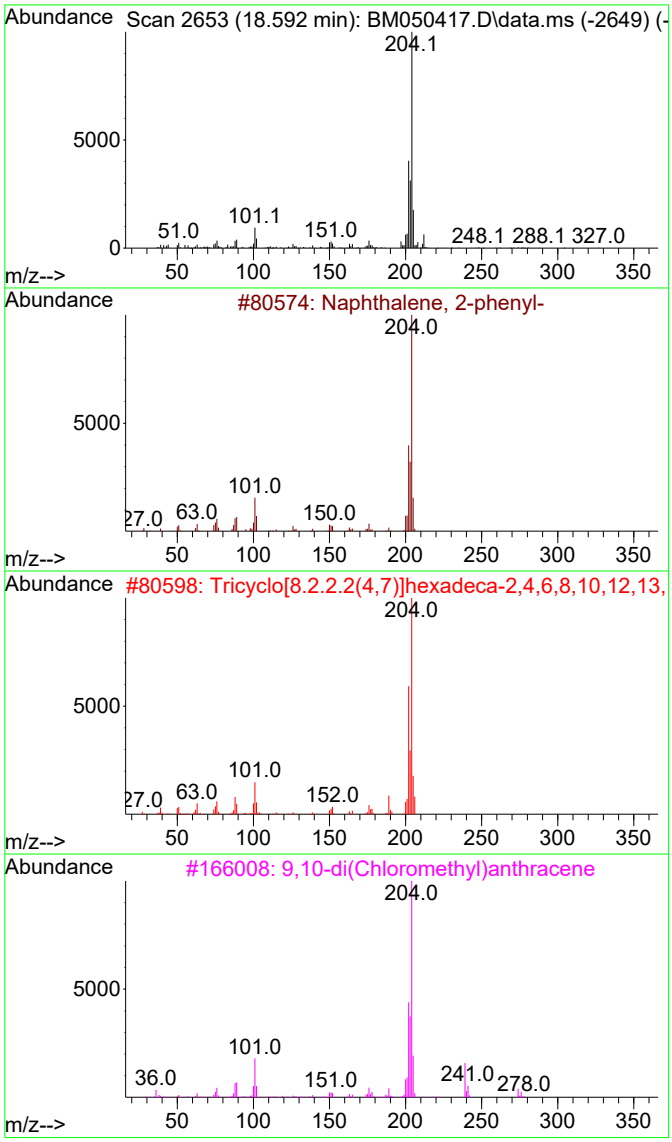
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

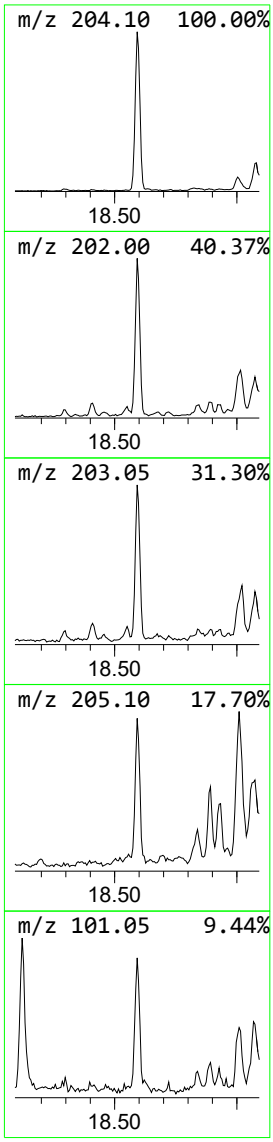
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.592	2.17 ng	460375	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
3	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	53
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	47





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Sample : Q2551-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

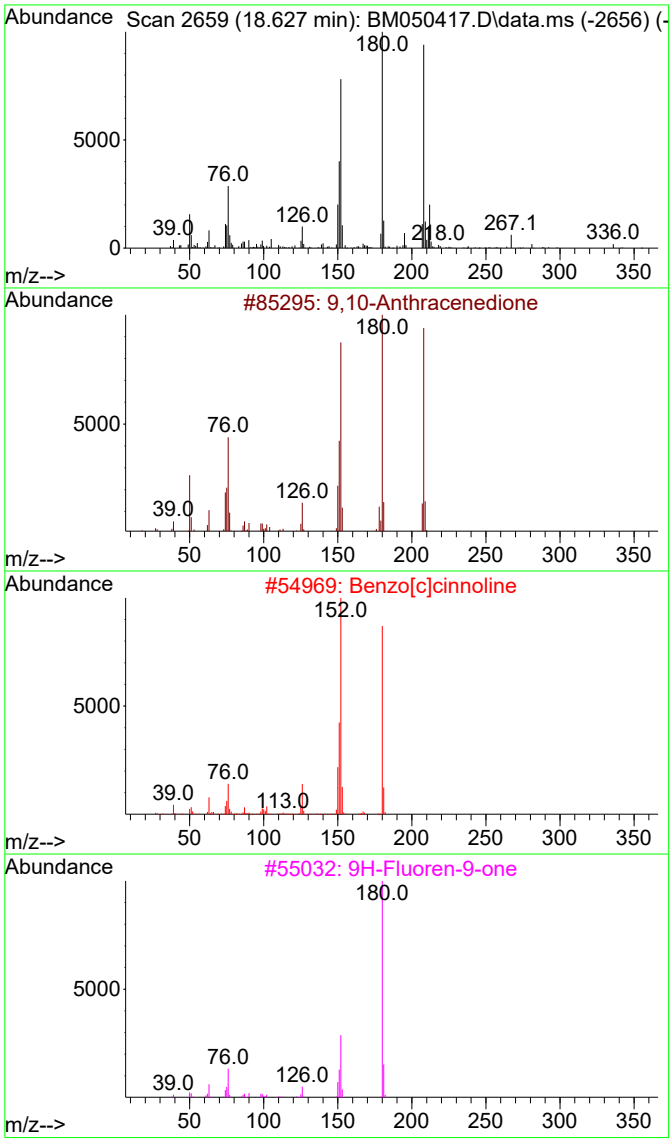
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

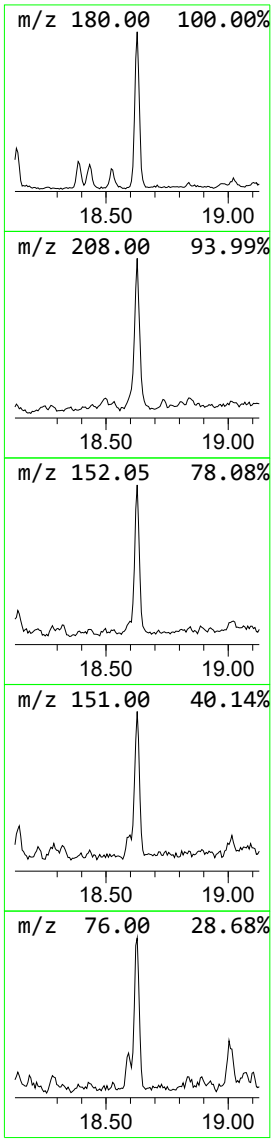
****

Peak Number 12 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.627	2.64 ng	559297	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	53





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Operator : RC/JU
Sample : Q2551-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-204

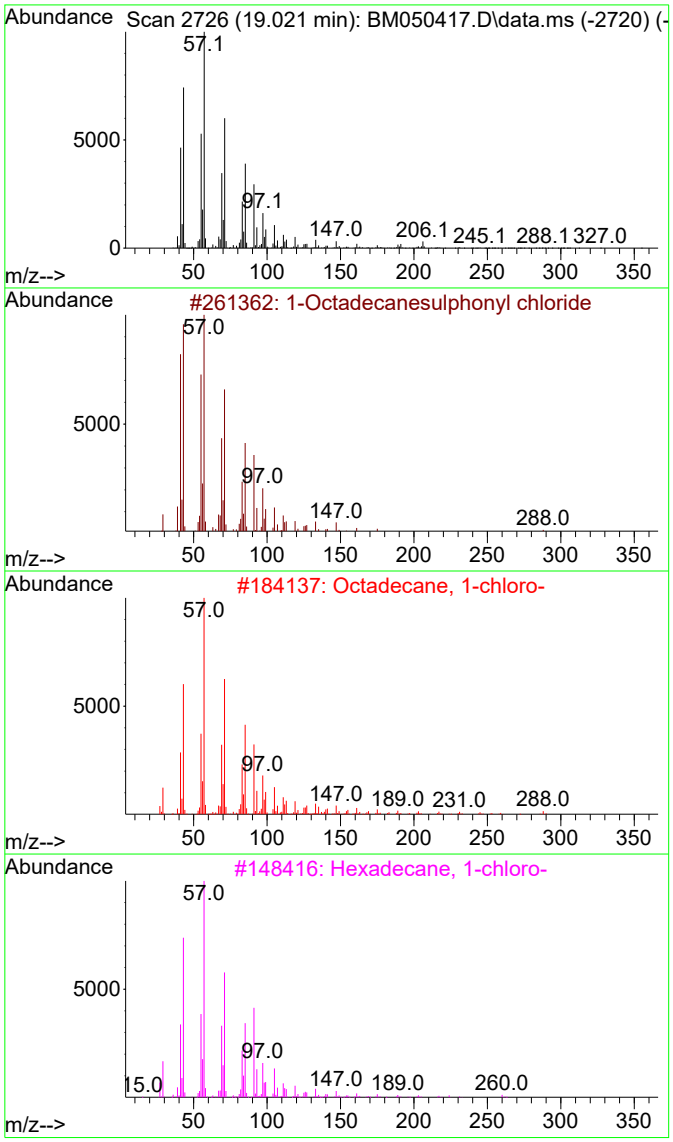
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

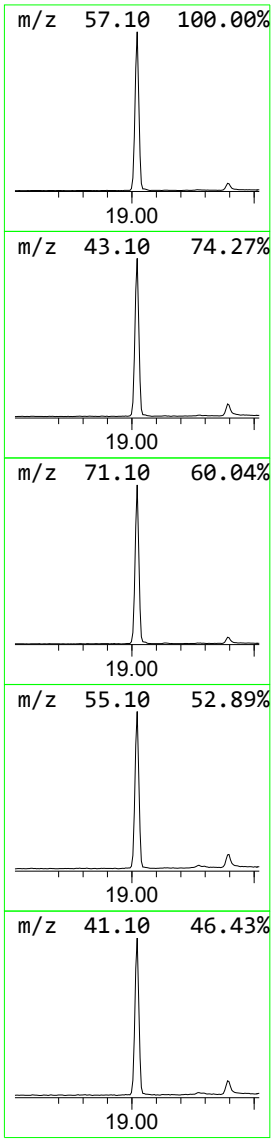
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1-Octadecanesulphonyl chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.021	52.64 ng	11153900	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	91
2	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	91
3	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	87
4	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
5	Carbonic acid, tridecyl vinyl ester	270	C16H30O3	1000382-54-7	80





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Data File : BM050417.D
Acq On : 11 Jul 2025 17:48
Operator : RC/JU
Sample : Q2551-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-204

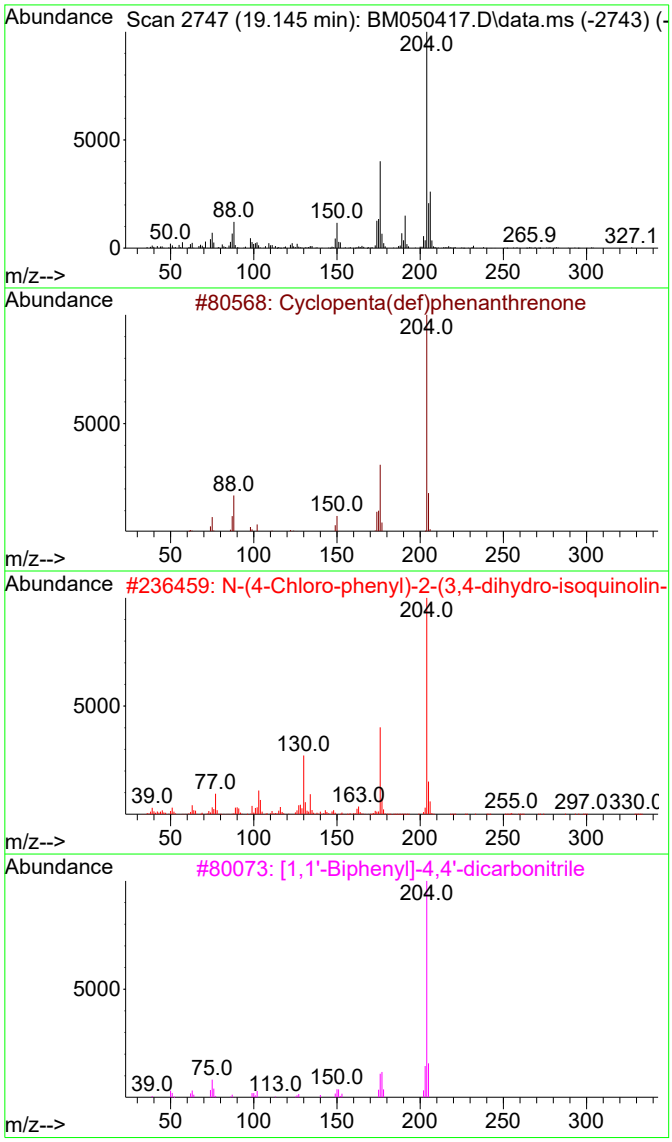
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

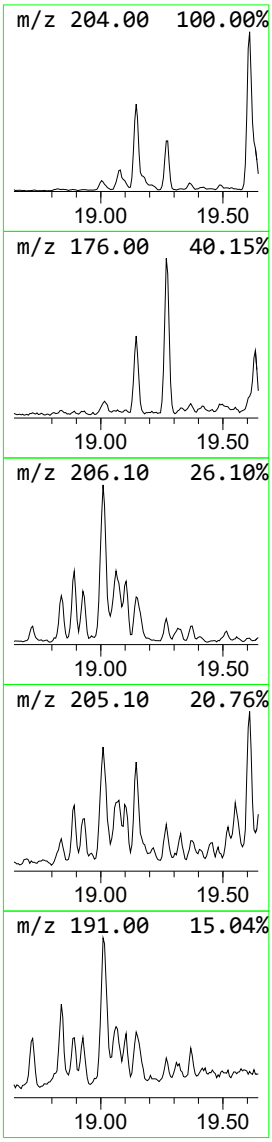
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.145	2.59 ng	547801	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1010296-34-3	53
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45





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Acq On : 11 Jul 2025 17:48
Operator : RC/JU
Sample : Q2551-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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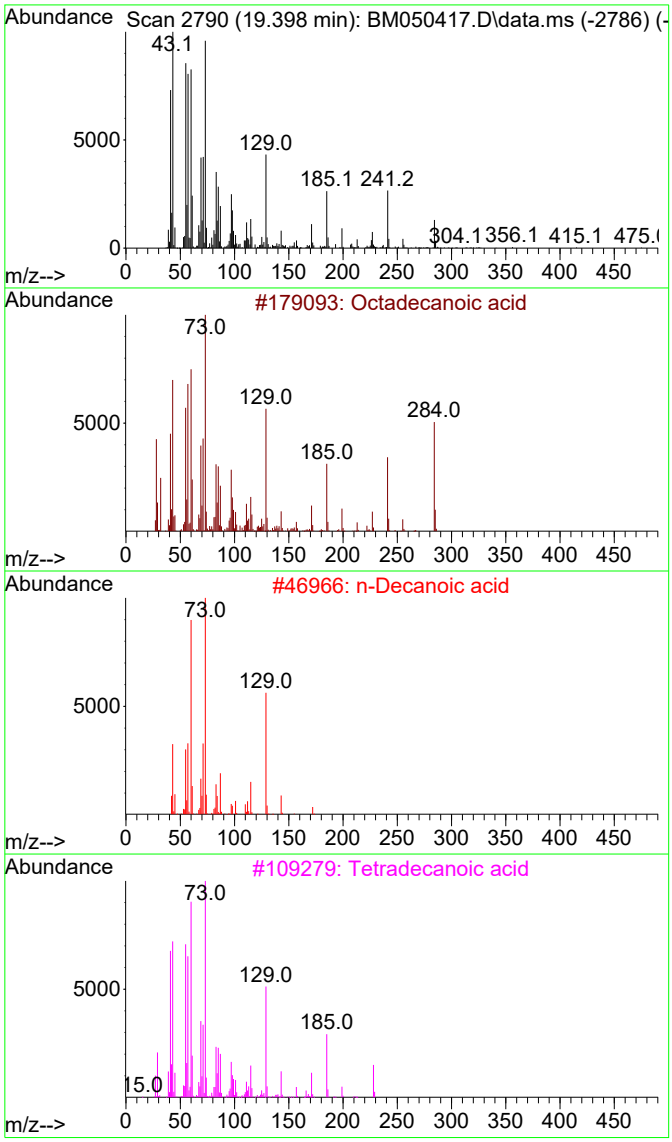
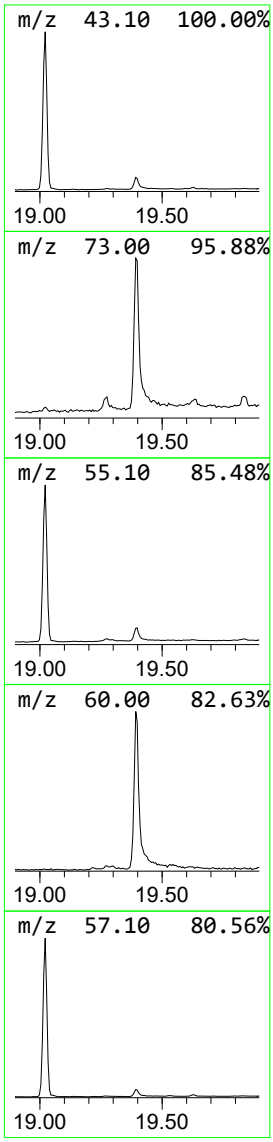
****

Peak Number 15 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.398	2.03 ng	1094310	Chrysene-d12	21.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Decanoic acid	172	C10H20O2	000334-48-5	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
5	Undecanoic acid	186	C11H22O2	000112-37-8	72





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ClientSampleId :
VNJ-204

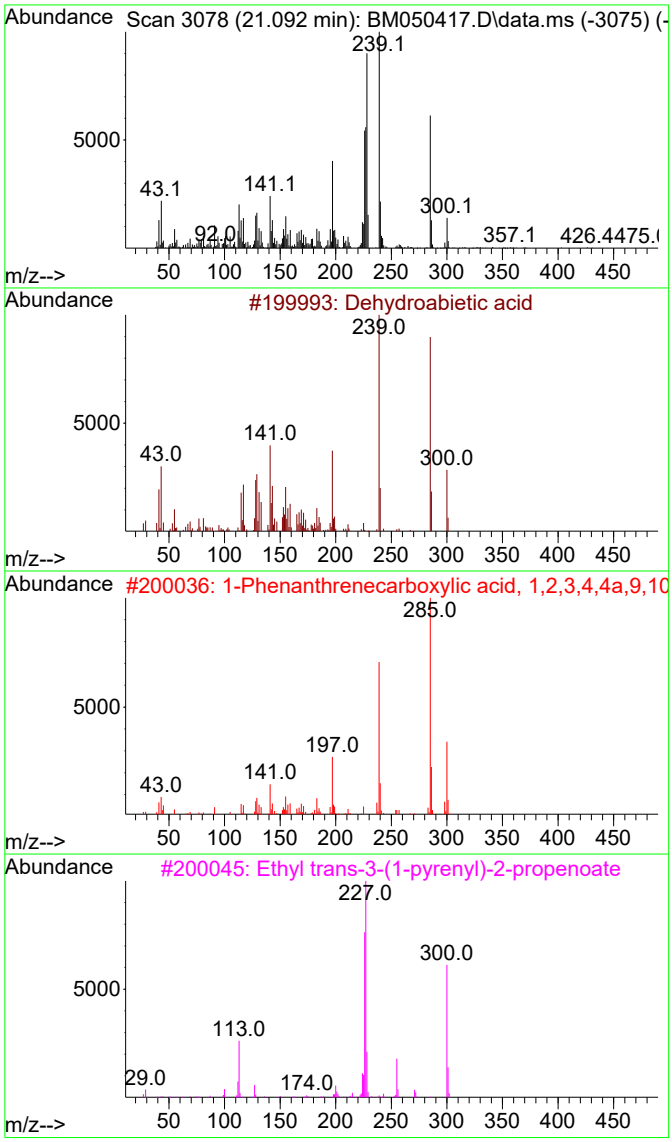
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

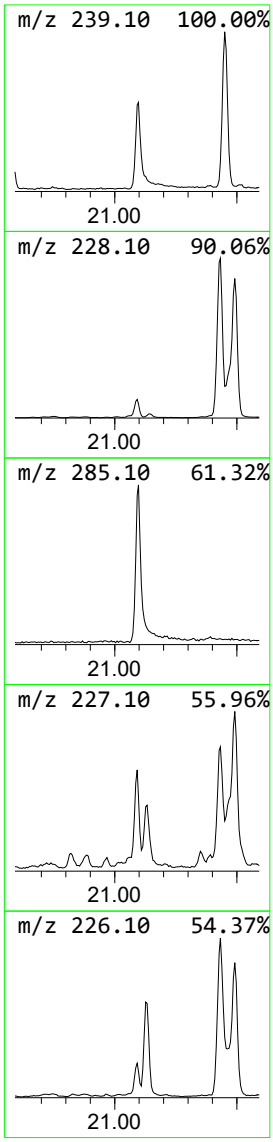
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Dehydroabietic acid Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.092	2.34 ng	1256630	Chrysene-d12	21.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dehydroabietic acid	300	C20H28O2	001740-19-8	96
2	1-Phenanthrenecarboxylic acid, 1...	300	C20H28O2	005155-70-4	89
3	Ethyl trans-3-(1-pyrenyl)-2-prop...	300	C21H16O2	1000326-14-5	62
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	60
5	Butanoic acid, 2-(cyano)(2,4,6-t...	300	C17H20N2O3	1000267-71-7	41





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VNJ-204

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM070925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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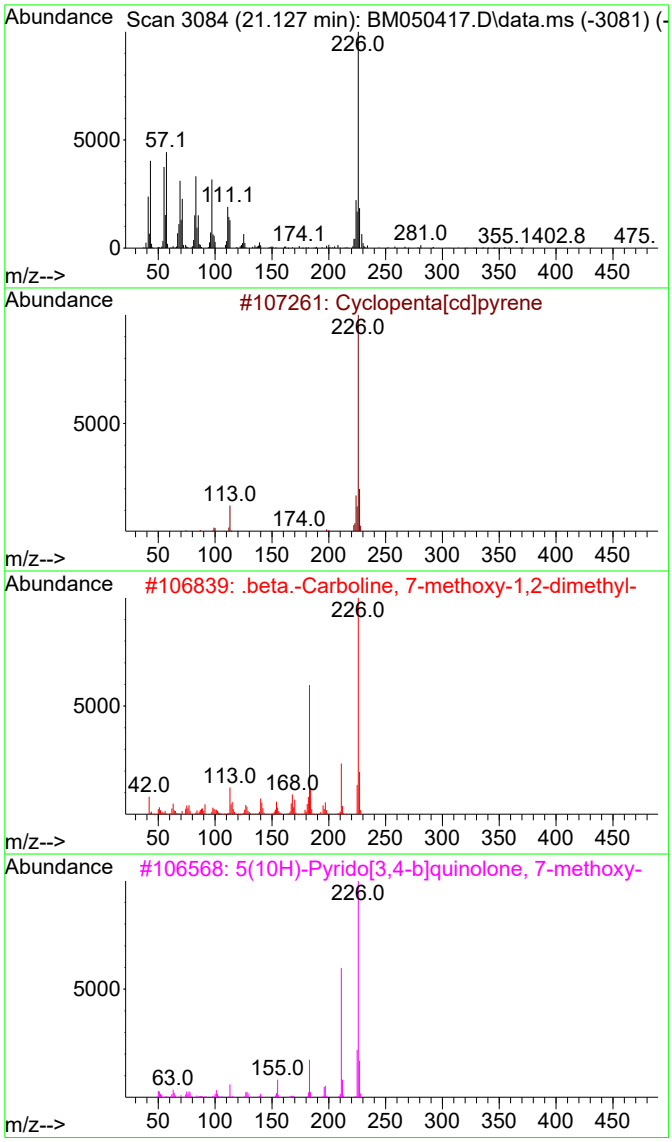
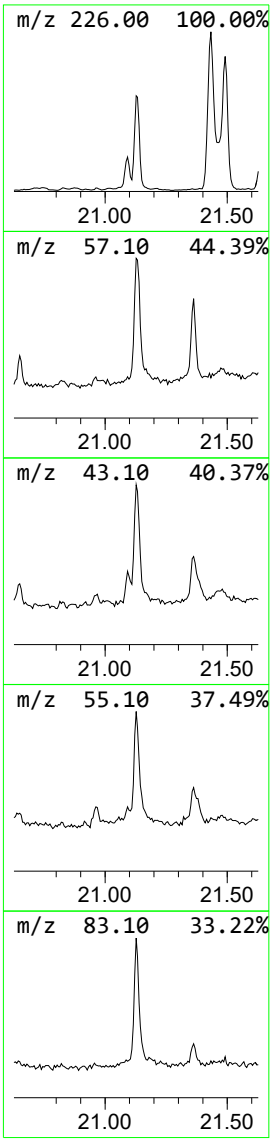
****
Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.127	3.39 ng	1824470	Chrysene-d12	21.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	60
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	46
3	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	46
4	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	43
5	4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	37





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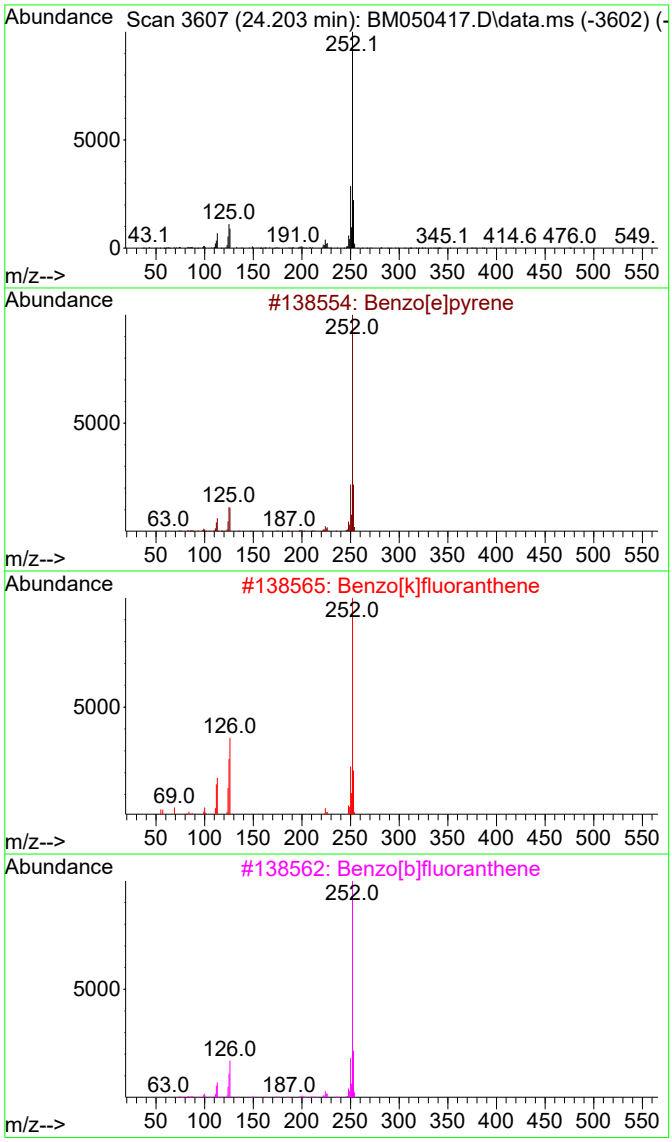
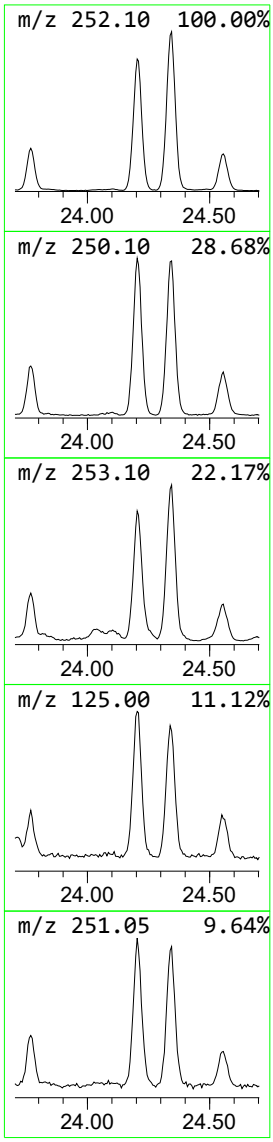
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.203	9.72 ng	2786780	Perylene-d12	24.485

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

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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...	3.040	15.4	ng	1641800	1	7.857	2129440	20.0
2-Pentanone, 4-...	4.969	9.5	ng	1012780	1	7.857	2129440	20.0
Benzophenone	15.839	7.7	ng	1383070	3	14.486	3603350	20.0
Dibenzothiophene	17.039	2.4	ng	498851	4	17.221	4237430	20.0
o-Terphenyl	17.874	70.0	ng	14825500	4	17.221	4237430	20.0
Phenanthrene, 2...	18.098	4.6	ng	968384	4	17.221	4237430	20.0
n-Hexadecanoic ...	18.121	17.6	ng	3732110	4	17.221	4237430	20.0
Phenanthrene, 4...	18.221	2.4	ng	511563	4	17.221	4237430	20.0
4H-Cyclopenta[d...	18.292	8.5	ng	1808050	4	17.221	4237430	20.0
Naphthalene, 2-...	18.592	2.2	ng	460375	4	17.221	4237430	20.0
9,10-Anthracene...	18.627	2.6	ng	559297	4	17.221	4237430	20.0
1-Octadecanesul...	19.021	52.6	ng	11153900	4	17.221	4237430	20.0
Cyclopenta(def)...	19.145	2.6	ng	547801	4	17.221	4237430	20.0
Octadecanoic acid	19.398	2.0	ng	1094310	5	21.450	10761500	20.0
Dehydroabietic ...	21.092	2.3	ng	1256630	5	21.450	10761500	20.0
Cyclopenta[cd]p...	21.127	3.4	ng	1824470	5	21.450	10761500	20.0
Benzo[e]pyrene	24.203	9.7	ng	2786780	6	24.485	5731180	20.0