LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003424.D
Acq On : 30 Sep 2020 21:11
Operator : CG/JU
Sample : L4179-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-10(4-5)

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\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP003424.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.158	379	386	401	rBV	589091	999162	27.52%	3.171%
2	6.746	649	656	669	rBV	572569	1017986	28.03%	3.231%
3	6.846	669	673	683	rVB2	22079	42173	1.16%	0.134%
4	7.181	723	730	739	rBV4	25635	66031	1.82%	0.210%
5	7.540	784	791	801	rBV	487321	768246	21.16%	2.438%
6	8.081	871	883	891	rBV4	21037	56154	1.55%	0.178%
7	8.693	981	987	998	rVV	391999	710469	19.57%	2.255%
8	8.781	998	1002	1011	rVV	47333	81895	2.26%	0.260%
9	10.316	1254	1263	1269	rBV	691336	1196408	32.95%	3.797%
10	10.363	1269	1271	1281	rVB	72473	115654	3.19%	0.367%
11	11.369	1436	1442	1450	rBV4	34480	74447	2.05%	0.236%
12	11.516	1460	1467	1471	rBV2	20612	36991	1.02%	0.117%
13	11.775	1504	1511	1519	rBV	62747	103468	2.85%	0.328%
14	11.993	1538	1548	1557	rVB2	63083	136503	3.76%	0.433%
15	12.216	1581	1586	1590	rBV	53161	89134	2.45%	0.283%
16	12.746	1672	1676	1680	rBV3	34563	48386	1.33%	0.154%
17	12.810	1680	1687	1697	rVV	1159481	1735724	47.80%	5.509%
18	13.040	1718	1726	1732	rBV2	75080	128904	3.55%	0.409%
19	13.357	1774	1780	1789	rBV2	36116	106296	2.93%	0.337%
20	13.516	1802	1807	1812	rBV	57601	98110	2.70%	0.311%
21	13.569	1812	1816	1821	rVB2	49748	69252	1.91%	0.220%
22	13.657	1827	1831	1836	rVV	180696	253041	6.97%	0.803%
23	13.704	1836	1839	1842	rVV3	38059	49295	1.36%	0.156%
24	13.746	1843	1846	1851	rVB3	27114	39745	1.09%	0.126%
25	13.916	1869	1875	1883	rBV	203306	335740	9.25%	1.066%
26	14.122	1905	1910	1914	rBV	89919	116755	3.22%	0.371%
27	14.193	1914	1922	1929	rVV	1000826	1529975	42.13%	4.856%
28	14.257	1929	1933	1942	rVV	99663	171854	4.73%	0.545%
29	14.416	1955	1960	1970	rVB3	20109	52144	1.44%	0.165%
30	14.598	1987	1991	2000	rVB2	80542	150936	4.16%	0.479%
31	14.681	2001	2005	2009	rVV	40805	52089	1.43%	0.165%
32	14.745	2012	2016	2023	rVB4	34427	53564	1.48%	0.170%
33	14.816	2024	2028	2033	rBV3	38114	75282	2.07%	0.239%
34	14.992	2053	2058	2062	rBV3	26828	44982	1.24%	0.143%
35	15.081	2068	2073	2077	rBV	98239	125934	3.47%	0.400%
36	15.251	2097	2102	2107	rBV	164283	233717	6.44%	0.742%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003424.D
Acq On : 30 Sep 2020 21:11
Operator : CG/JU
Sample : L4179-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-10(4-5)

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\8270-BP091520.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	15.487	2135	2142	2147	rVB5	53368	107100	2.95%	0.340%
38	15.551	2149	2153	2156	rBV	31602	41127	1.13%	0.131%
39	15.698	2173	2178	2186	rBV	786594	1177346	32.42%	3.737%
40	15.945	2215	2220	2222	rBV2	114656	166528	4.59%	0.529%
41	15.969	2222	2224	2233	rVB	83514	109247	3.01%	0.347%
42	16.616	2330	2334	2340	rVB	74582	105518	2.91%	0.335%
43	16.692	2344	2347	2352	rVV3	30406	60765	1.67%	0.193%
44	16.739	2352	2355	2357	rVV	89038	105898	2.92%	0.336%
45	16.775	2357	2361	2371	rVB2	101256	236438	6.51%	0.750%
46	16.957	2386	2392	2395	rBV	1161814	1688227	46.49%	5.358%
47	16.998	2395	2399	2405	rVB	1371669	1945524	53.58%	6.175%
48	17.087	2410	2414	2421	rVB	421158	585153	16.11%	1.857%
49	17.157	2422	2426	2431	rVV3	43980	81711	2.25%	0.259%
50	17.369	2459	2462	2467	rBV	101958	146059	4.02%	0.464%
51	17.481	2477	2481	2485	rBV	99009	125950	3.47%	0.400%
52	17.539	2488	2491	2501	rVB4	40335	96733	2.66%	0.307%
53	17.834	2537	2541	2545	rBV	199106	271307	7.47%	0.861%
54	17.881	2545	2549	2556	rVV	262635	377873	10.41%	1.199%
55	17.963	2559	2563	2568	rVV	103254	154099	4.24%	0.489%
56	18.022	2568	2573	2577	rVV2	333729	562858	15.50%	1.786%
57	18.063	2577	2580	2588	rVB	139855	204518	5.63%	0.649%
58	18.328	2621	2625	2629	rBV	135991	185803	5.12%	0.590%
59	18.381	2631	2634	2640	rVB	123256	159971	4.41%	0.508%
60	18.622	2672	2675	2678	rVB2	72156	84685	2.33%	0.269%
61	18.739	2691	2695	2699	rBV	145956	223701	6.16%	0.710%
62	18.992	2733	2738	2745	rBV	2039376	2775954	76.45%	8.810%
63	19.351	2790	2799	2808	rBV	1688063	3112221	85.71%	9.877%
64	19.551	2829	2833	2838	rVB	1549691	2018984	55.60%	6.408%
65	21.110	3093	3098	3115	rVB3	892579	3631198	100.00%	11.524%

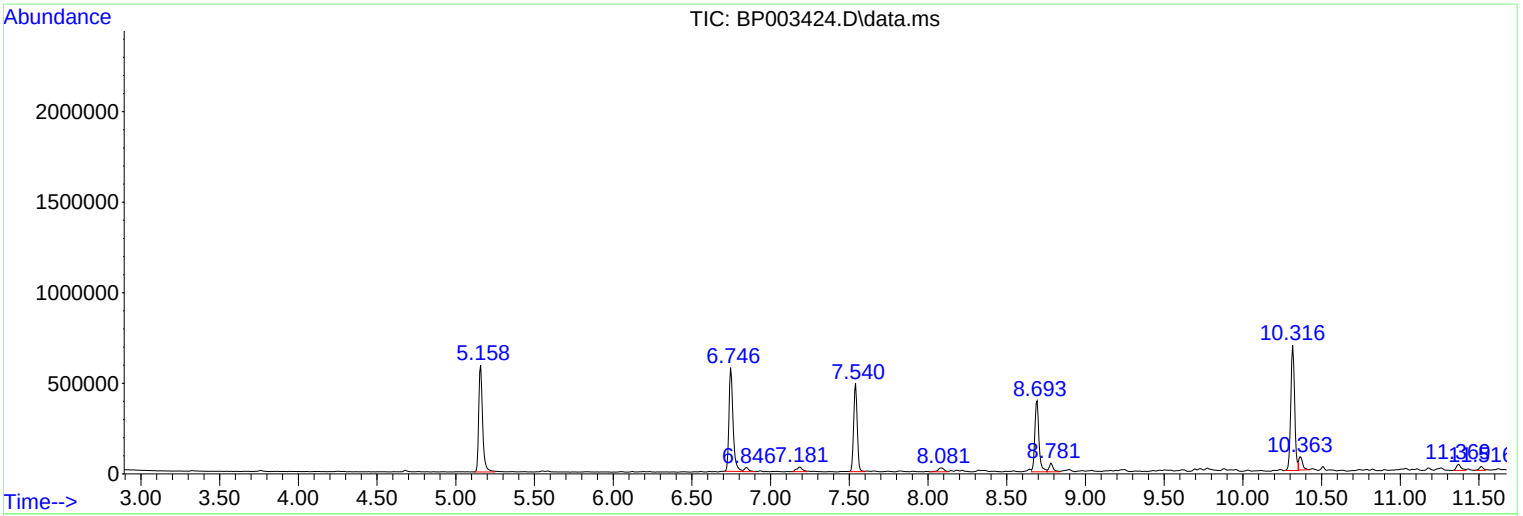
Sum of corrected areas: 31508942

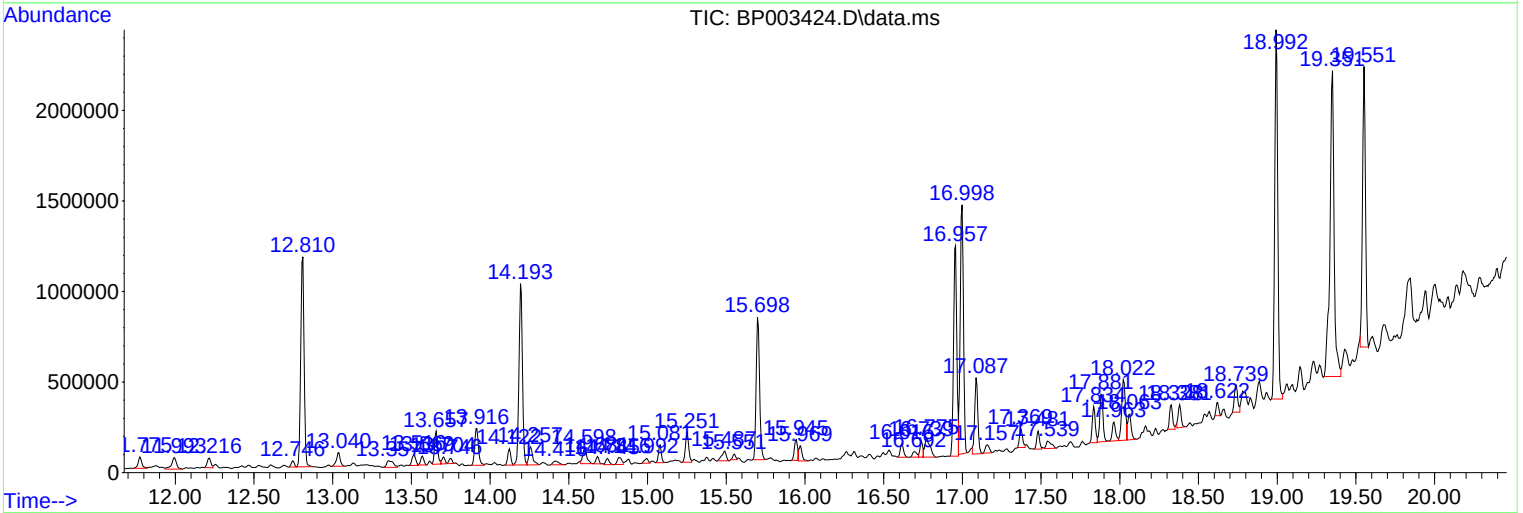
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003424.D
Acq On : 30 Sep 2020 21:11
Operator : CG/JU
Sample : L4179-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

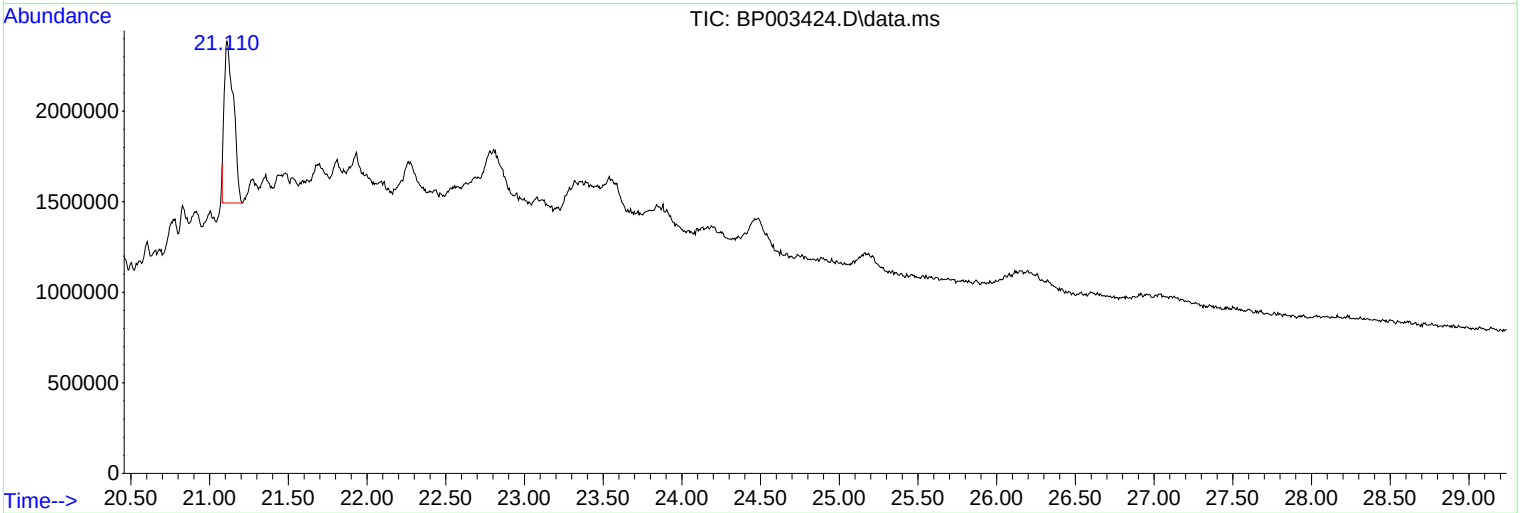
Instrument :
BNA_P
ClientSampleId :
B-10(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P







Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003424.D
Acq On : 30 Sep 2020 21:11
Operator : CG/JU
Sample : L4179-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-10(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

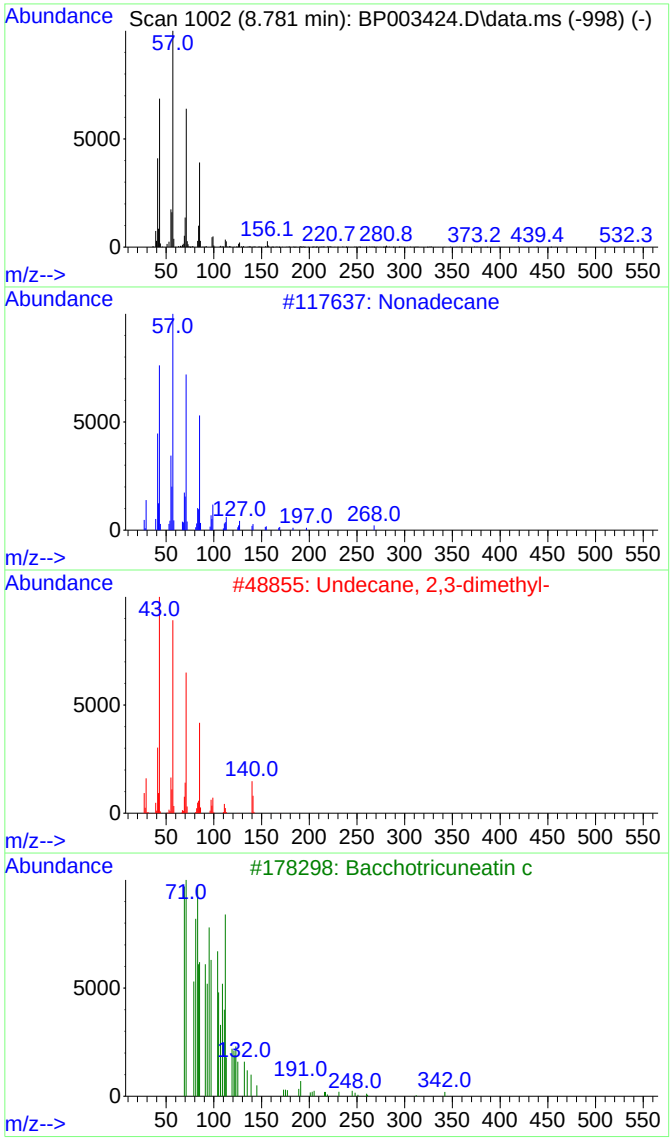
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

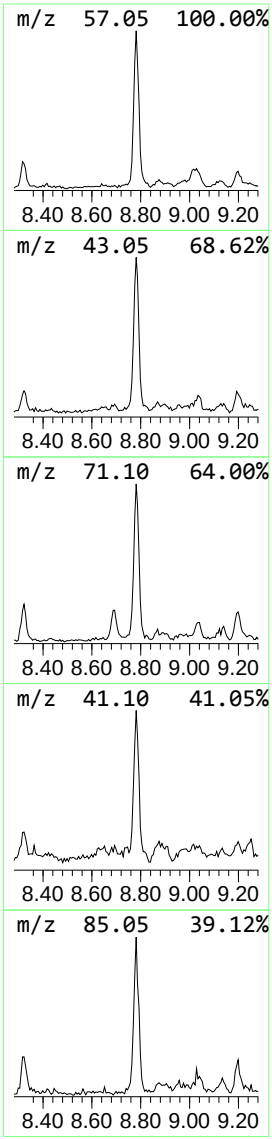
****

Peak Number 1 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.781	2.13 ng	81895	1,4-Dichlorobenzene-d4	7.540

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	91
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	68
4	Undecane	156	C11H24	001120-21-4	60
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003424.D
Acq On : 30 Sep 2020 21:11
Operator : CG/JU
Sample : L4179-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-10(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

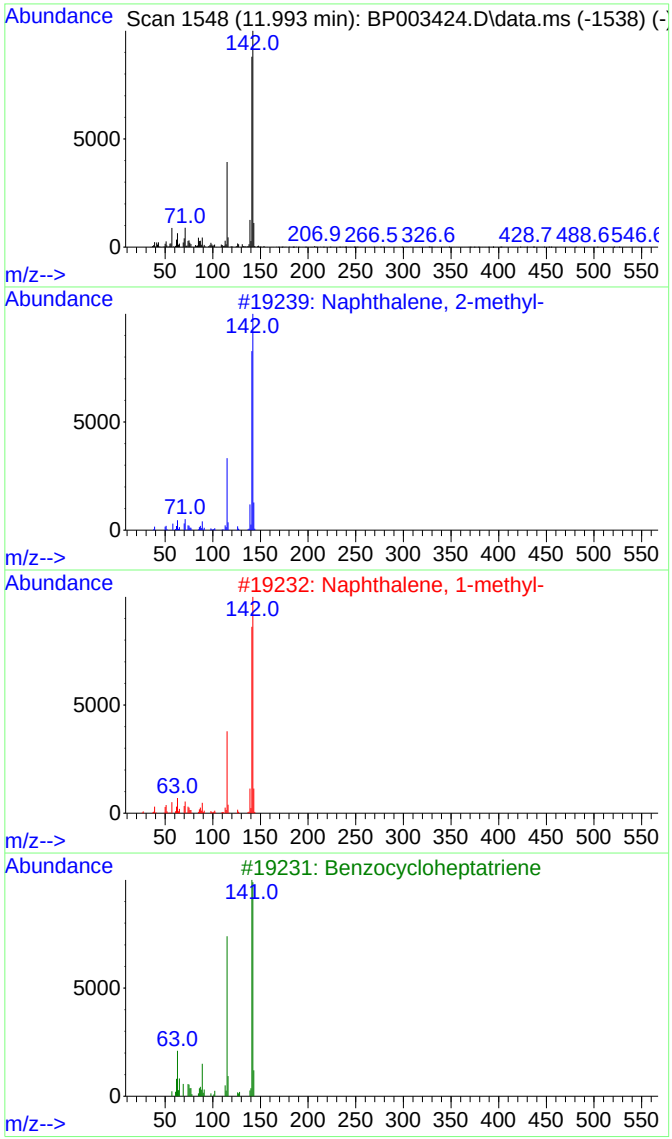
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

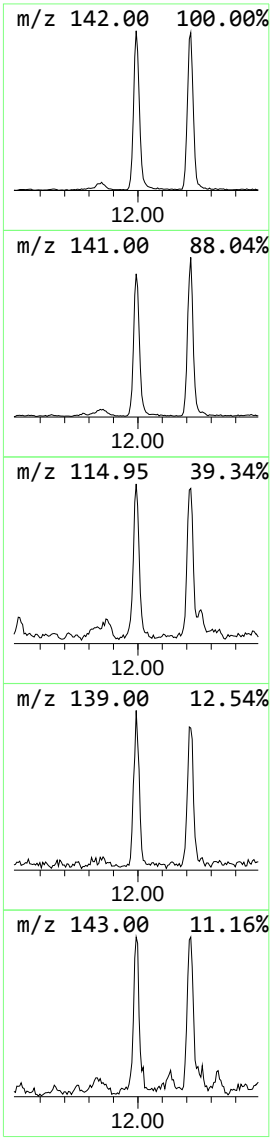
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.993	2.28 ng	136503	Naphthalene-d8	10.316

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Naphthalene, 1-[(2-propenyloxy)m...	198	C14H14O	074685-39-5	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003424.D
Acq On : 30 Sep 2020 21:11
Operator : CG/JU
Sample : L4179-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-10(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

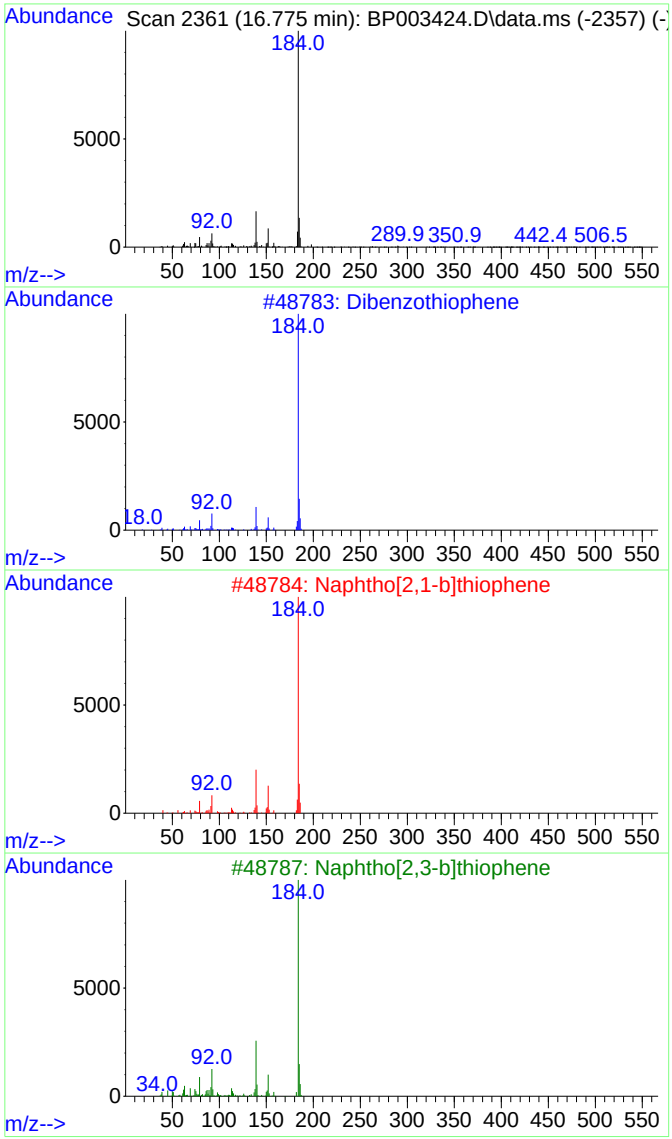
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

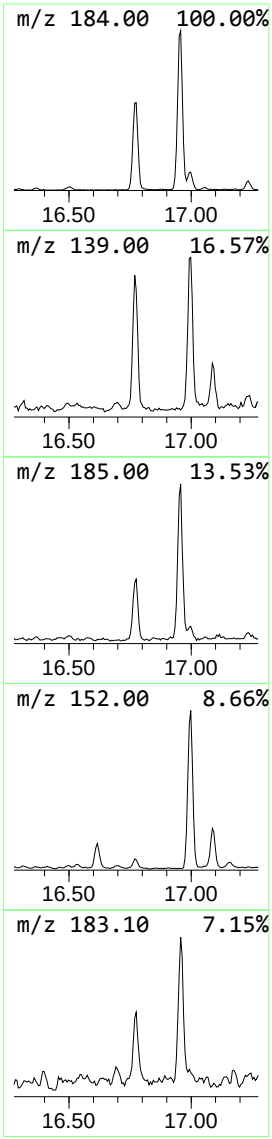
****

Peak Number 4 Dibenzothiophene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.775	2.80 ng	236438	Phenanthrene-d10	16.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003424.D
Acq On : 30 Sep 2020 21:11
Operator : CG/JU
Sample : L4179-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-10(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

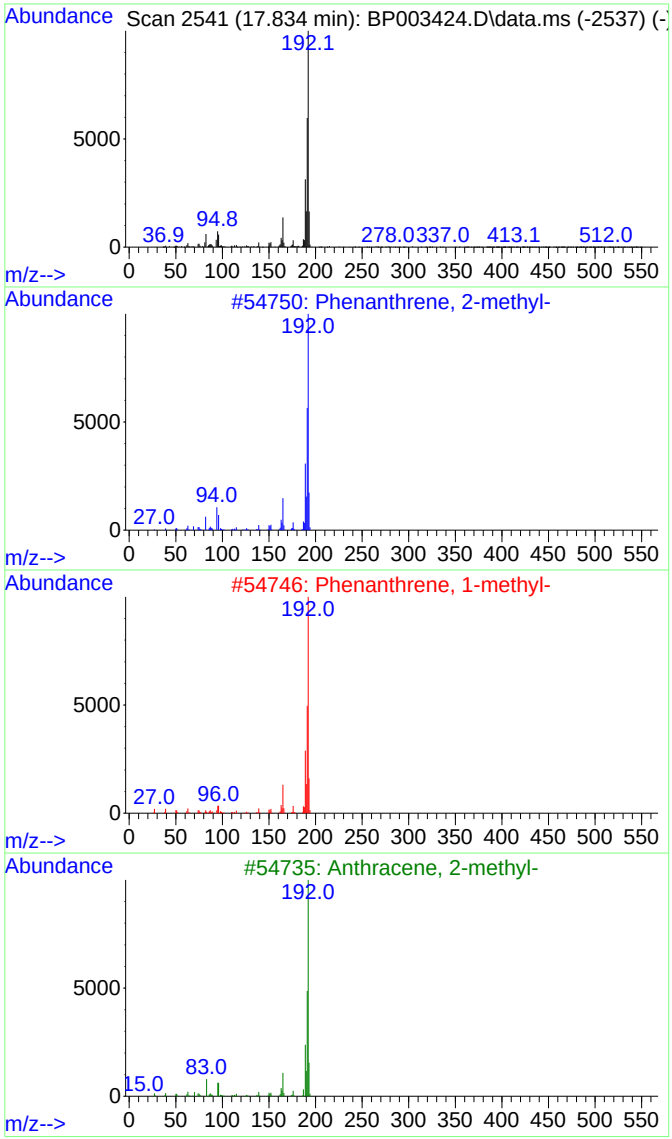
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

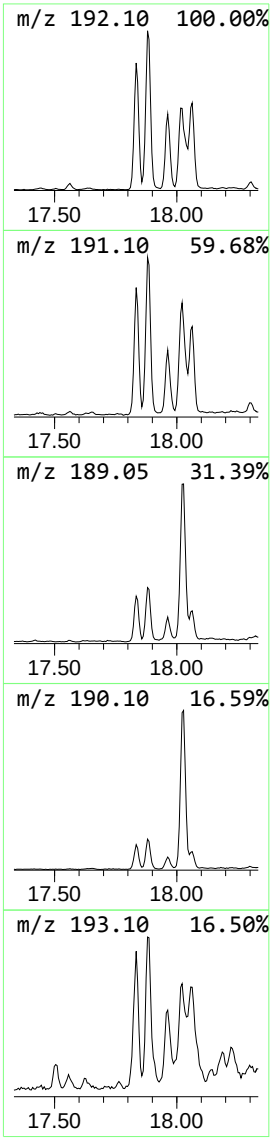
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.834	3.21 ng	271307	Phenanthrene-d10	16.957

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	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003424.D
Acq On : 30 Sep 2020 21:11
Operator : CG/JU
Sample : L4179-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-10(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

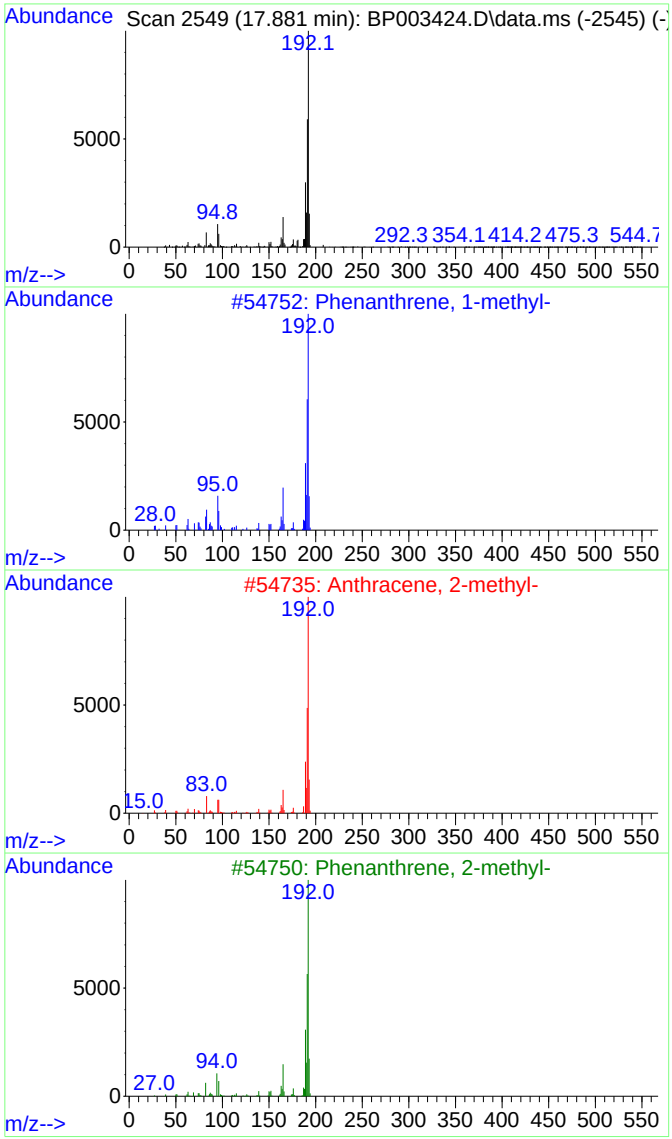
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

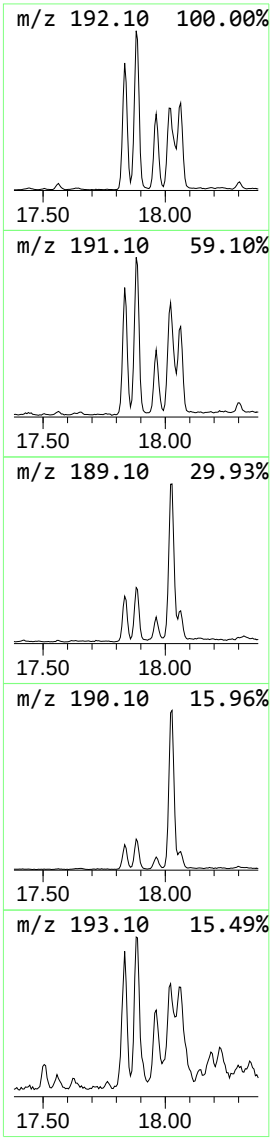
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.881	4.48 ng	377873	Phenanthrene-d10	16.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003424.D
Acq On : 30 Sep 2020 21:11
Operator : CG/JU
Sample : L4179-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-10(4-5)

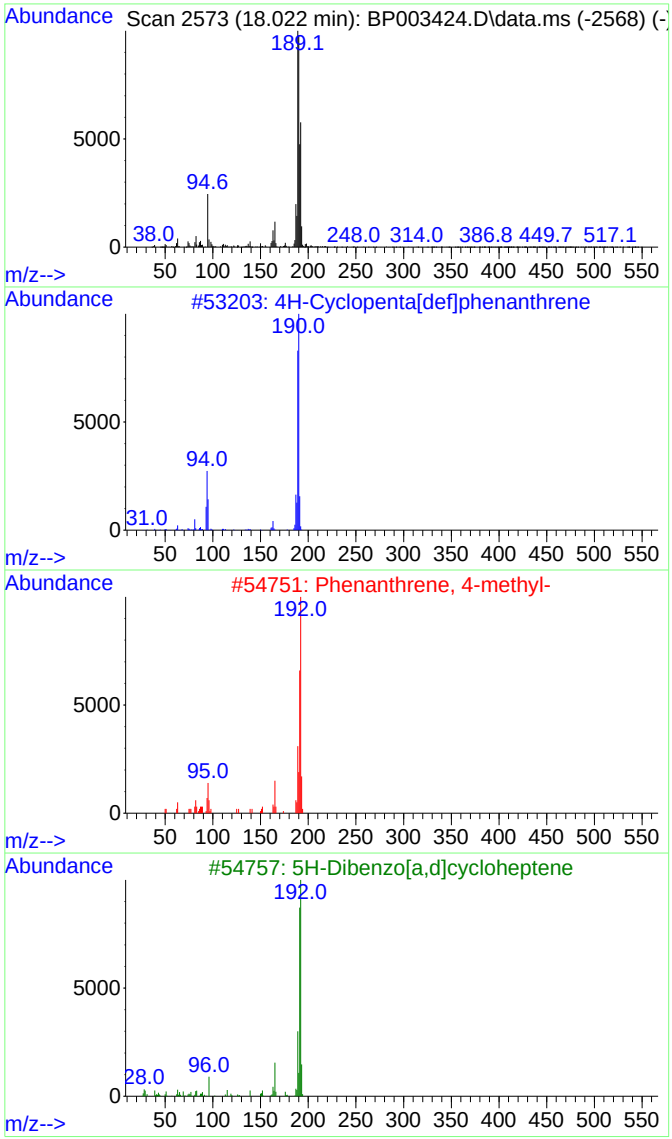
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

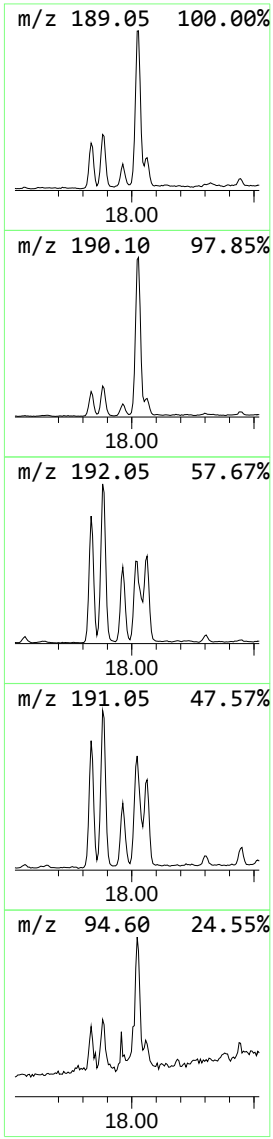
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.022	6.67 ng	562858	Phenanthrene-d10	16.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	25
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	25
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	25
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003424.D
Acq On : 30 Sep 2020 21:11
Operator : CG/JU
Sample : L4179-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : B-10(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

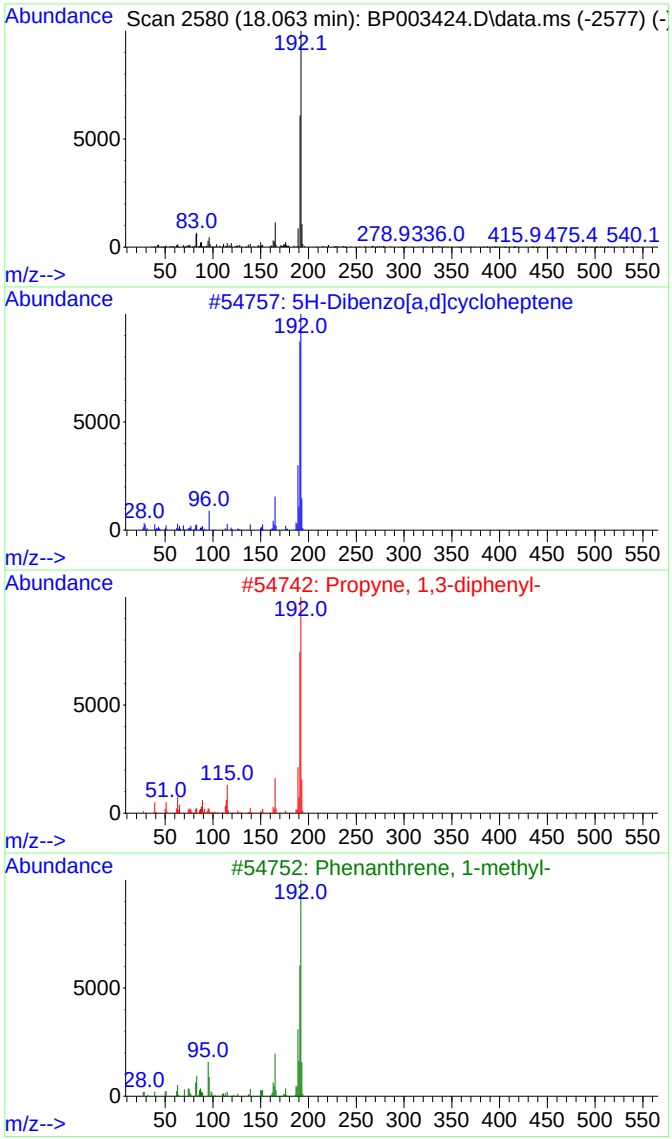
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

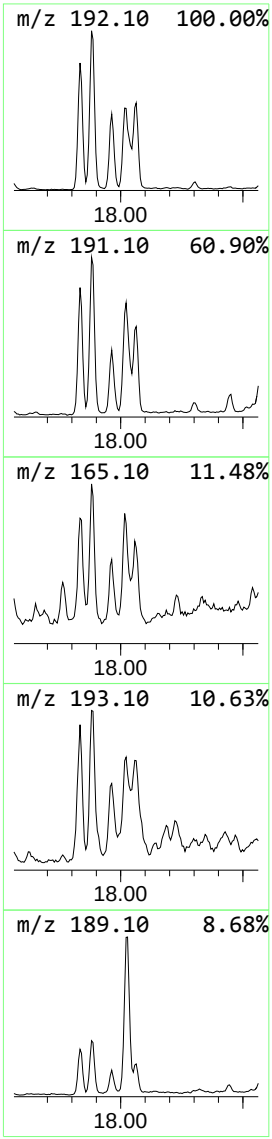
****

Peak Number 8 5H-Dibenzo[a,d]cycloheptene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.063	2.42 ng	204518	Phenanthrene-d10	16.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	86
2	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	86
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	78
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	72





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Acq On : 30 Sep 2020 21:11
Operator : CG/JU
Sample : L4179-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-10(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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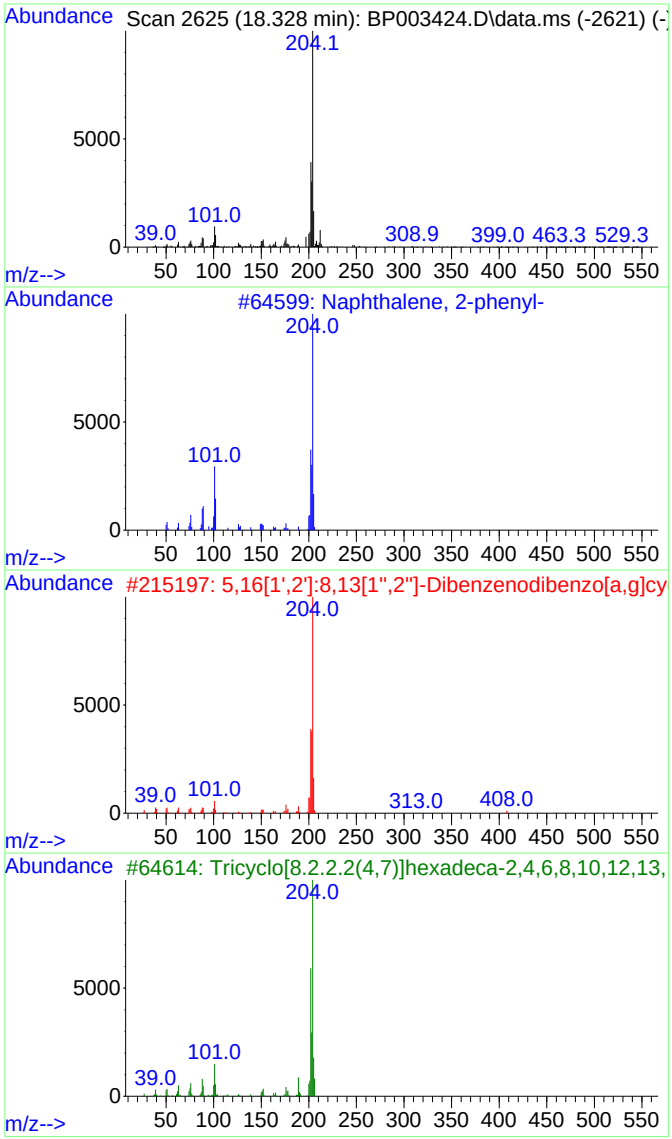
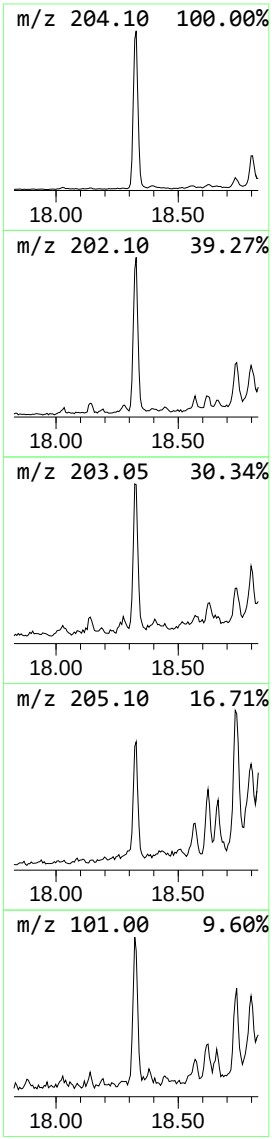
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.328	2.20 ng	185803	Phenanthrene-d10	16.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
4	Levamisole	204	C11H12N2S	014769-73-4	49
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003424.D
Acq On : 30 Sep 2020 21:11
Operator : CG/JU
Sample : L4179-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-10(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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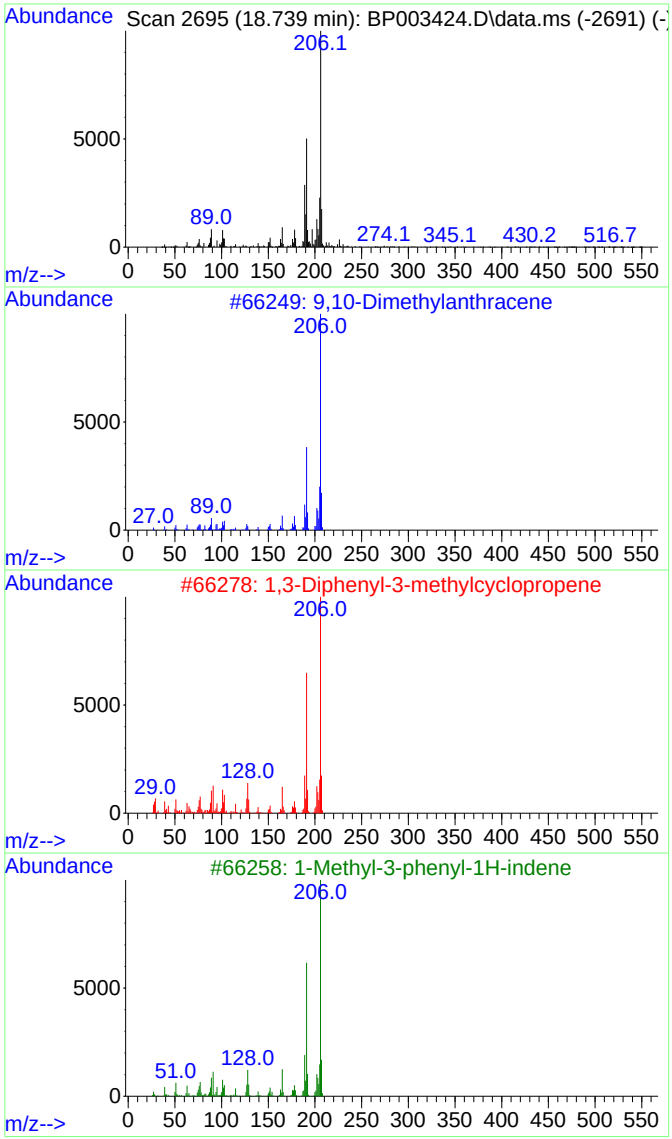
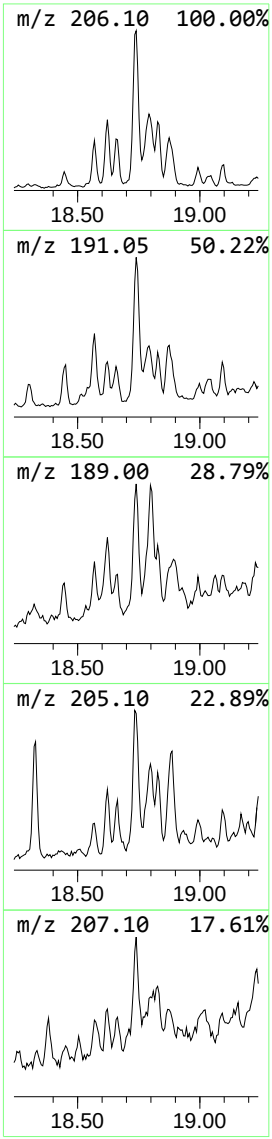
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.739	2.65 ng	223701	Phenanthrene-d10	16.957

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	96
3	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	94
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093020\
Data File : BP003424.D
Acq On : 30 Sep 2020 21:11
Operator : CG/JU
Sample : L4179-05 2X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
B-10(4-5)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Nonadecane	8.781	2.1	ng	81895	1	7.540	768246	20.0
Naphthalene, 2-...	11.993	2.3	ng	136503	2	10.316	1196410	20.0
Dibenzothiophene	16.775	2.8	ng	236438	4	16.957	1688230	20.0
Phenanthrene, 2...	17.834	3.2	ng	271307	4	16.957	1688230	20.0
Phenanthrene, 1...	17.881	4.5	ng	377873	4	16.957	1688230	20.0
4H-Cyclopenta[d...	18.022	6.7	ng	562858	4	16.957	1688230	20.0
5H-Dibenzo[a,d]...	18.063	2.4	ng	204518	4	16.957	1688230	20.0
Naphthalene, 2-...	18.328	2.2	ng	185803	4	16.957	1688230	20.0
9,10-Dimethylan...	18.739	2.6	ng	223701	4	16.957	1688230	20.0