LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003583.D
Acq On : 08 Oct 2020 21:47
Operator : CG/JU
Sample : L4309-06 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OWLS-HEAD-BH-05-B

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: BP003583.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.105	371	377	401	rBV	227177	397376	37.14%	4.069%
2	6.699	642	648	663	rBV	175881	355687	33.25%	3.642%
3	7.481	774	781	792	rBV	201341	326270	30.50%	3.341%
4	8.640	972	978	989	rBV	133125	260712	24.37%	2.669%
5	10.257	1244	1253	1260	rBV	235721	417097	38.99%	4.271%
6	11.310	1427	1432	1440	rBV4	11177	24951	2.33%	0.255%
7	11.722	1494	1502	1509	rBV5	12376	24655	2.30%	0.252%
8	11.940	1529	1539	1548	rVB	28509	57637	5.39%	0.590%
9	12.157	1571	1576	1580	rBV	20266	34025	3.18%	0.348%
10	12.557	1639	1644	1650	rVB6	6745	13400	1.25%	0.137%
11	12.640	1652	1658	1662	rBV7	6458	14156	1.32%	0.145%
12	12.693	1662	1667	1672	rVV2	17372	25401	2.37%	0.260%
13	12.757	1672	1678	1690	rVV	399912	625106	58.43%	6.400%
14	12.987	1709	1717	1723	rBV4	20194	36192	3.38%	0.371%
15	13.075	1728	1732	1738	rVB4	8877	14213	1.33%	0.146%
16	13.169	1745	1748	1758	rVB	11984	24363	2.28%	0.249%
17	13.304	1766	1771	1773	rBV	27453	43118	4.03%	0.441%
18	13.463	1792	1798	1803	rBV	42654	74928	7.00%	0.767%
19	13.516	1803	1807	1812	rVV	30452	44935	4.20%	0.460%
20	13.563	1812	1815	1819	rVB3	9547	12894	1.21%	0.132%
21	13.610	1819	1823	1827	rBV	42162	66650	6.23%	0.682%
22	13.651	1827	1830	1834	rVB2	22852	29832	2.79%	0.305%
23	13.698	1834	1838	1842	rBV3	15759	25030	2.34%	0.256%
24	13.869	1862	1867	1872	rBV2	24196	37987	3.55%	0.389%
25	14.069	1897	1901	1905	rBV	24959	31230	2.92%	0.320%
26	14.145	1907	1914	1921	rVV	347597	521489	48.74%	5.339%
27	14.204	1921	1924	1928	rBV2	11595	16082	1.50%	0.165%
28	14.363	1945	1951	1960	rBV2	20721	51195	4.79%	0.524%
29	14.557	1975	1984	1991	rVV3	27409	60902	5.69%	0.624%
30	14.634	1992	1997	2003	rVB	29947	40808	3.81%	0.418%
31	14.692	2003	2007	2016	rVB4	18883	27512	2.57%	0.282%
32	14.769	2016	2020	2026	rBV3	21615	40629	3.80%	0.416%
33	14.828	2026	2030	2034	rVB2	17578	25745	2.41%	0.264%
34	14.945	2044	2050	2053	rBV4	16190	31376	2.93%	0.321%
35	15.028	2061	2064	2071	rVB	23343	28797	2.69%	0.295%
36	15.204	2090	2094	2098	rVB3	13892	19499	1.82%	0.200%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003583.D
Acq On : 08 Oct 2020 21:47
Operator : CG/JU
Sample : L4309-06 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OWLS-HEAD-BH-05-B

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	15.251	2098	2102	2107	rBV3	9793	17936	1.68%	0.184%
38	15.434	2127	2133	2138	rBV3	26198	54753	5.12%	0.561%
39	15.587	2155	2159	2163	rBV7	8259	16630	1.55%	0.170%
40	15.651	2164	2170	2179	rVV	290567	455395	42.57%	4.663%
41	15.892	2207	2211	2213	rBV2	40150	53157	4.97%	0.544%
42	15.922	2213	2216	2220	rVB	43236	55393	5.18%	0.567%
43	16.263	2272	2274	2278	rVB2	12452	14464	1.35%	0.148%
44	16.410	2296	2299	2303	rBV5	7358	14280	1.33%	0.146%
45	16.569	2322	2326	2332	rBV3	13568	21623	2.02%	0.221%
46	16.645	2336	2339	2343	rVV5	9344	18548	1.73%	0.190%
47	16.686	2343	2346	2350	rVV	25286	37348	3.49%	0.382%
48	16.745	2352	2356	2361	rVB2	35159	59275	5.54%	0.607%
49	16.904	2377	2383	2387	rBV	433832	616717	57.65%	6.314%
50	16.945	2387	2390	2396	rVB	154798	208286	19.47%	2.133%
51	17.039	2403	2406	2413	rVB	34699	50198	4.69%	0.514%
52	17.428	2469	2472	2476	rVB	22546	23446	2.19%	0.240%
53	17.781	2528	2532	2537	rBV	46170	65560	6.13%	0.671%
54	17.833	2537	2541	2546	rVB	63001	88241	8.25%	0.903%
55	17.969	2560	2564	2568	rBV2	52915	79846	7.46%	0.818%
56	18.010	2568	2571	2578	rVB	32647	46362	4.33%	0.475%
57	18.110	2586	2588	2592	rBV3	16936	16218	1.52%	0.166%
58	18.275	2613	2616	2620	rBV2	19504	25389	2.37%	0.260%
59	18.563	2662	2665	2668	rBV	26358	30994	2.90%	0.317%
60	18.681	2682	2685	2689	rBV	44670	55234	5.16%	0.566%
61	18.933	2724	2728	2733	rBV	338787	419836	39.24%	4.299%
62	19.286	2780	2788	2798	rBV	341328	566300	52.93%	5.798%
63	19.486	2818	2822	2827	rVB	819721	941614	88.01%	9.641%
64	21.010	3076	3081	3085	rBV2	701226	1069852	100.00%	10.954%
65	23.180	3446	3450	3456	rVB2	461571	762041	71.23%	7.802%

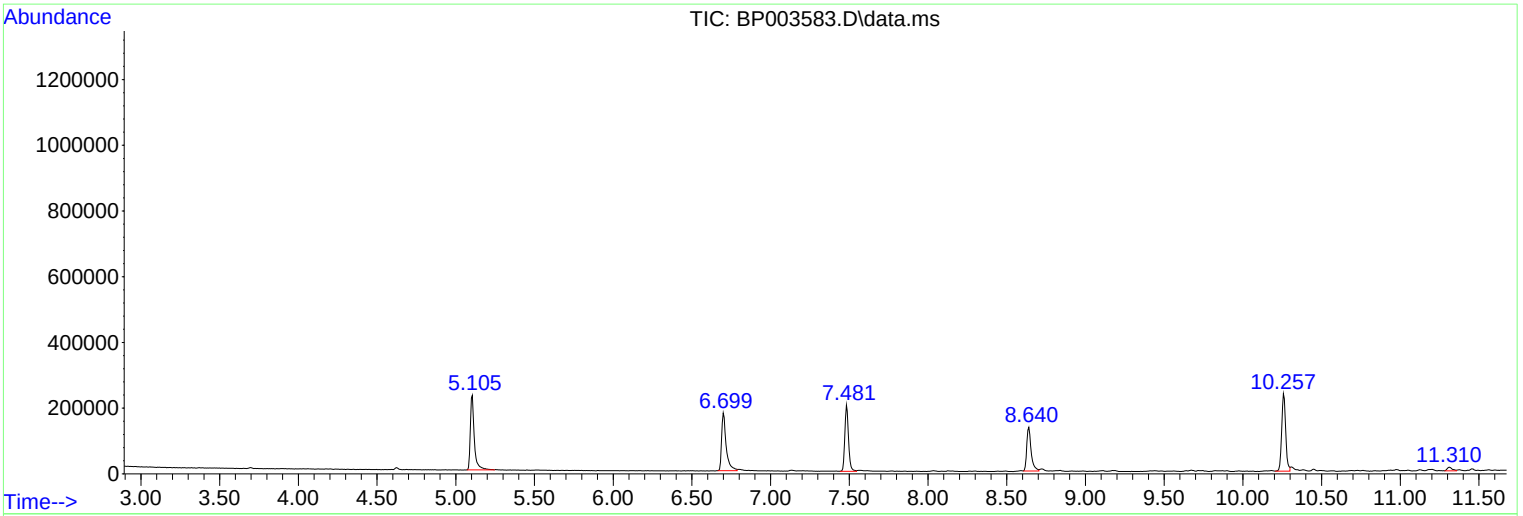
Sum of corrected areas: 9766815

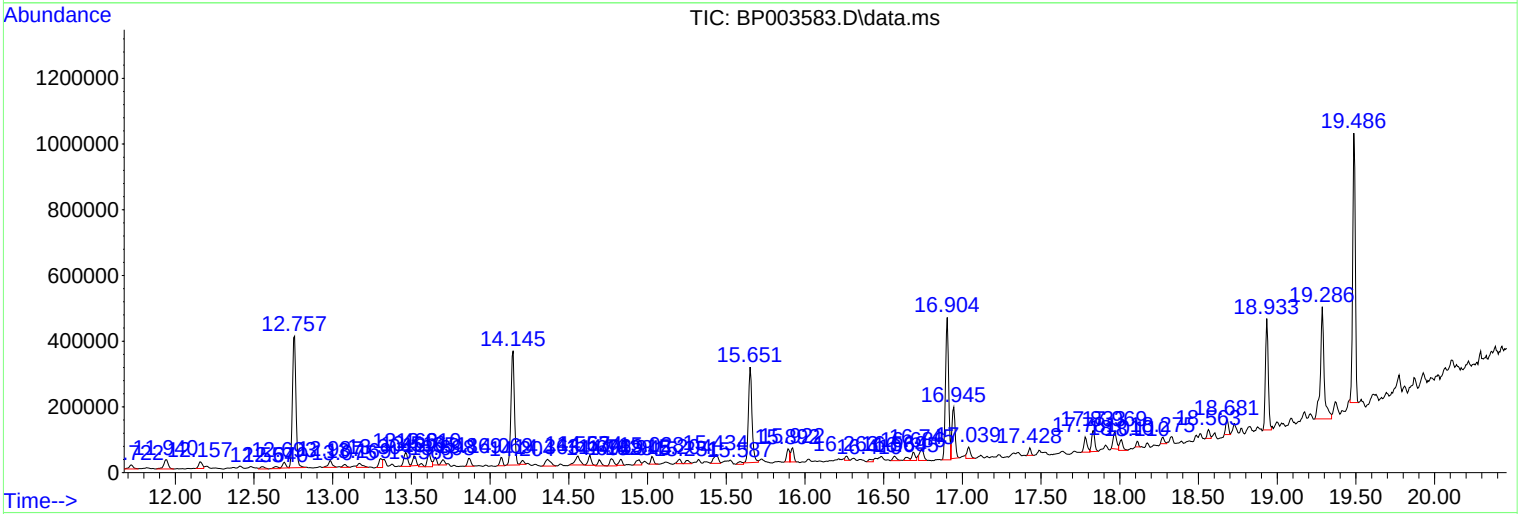
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003583.D
Acq On : 08 Oct 2020 21:47
Operator : CG/JU
Sample : L4309-06 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

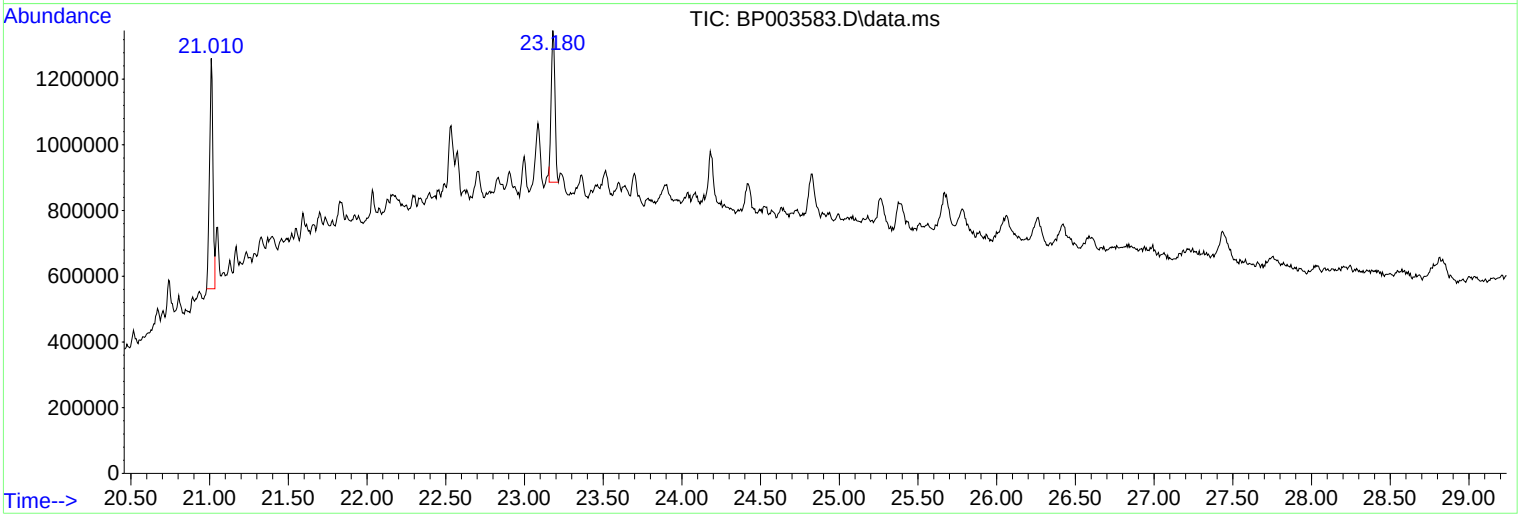
Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-05-B

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\BP100820\
Data File : BP003583.D
Acq On : 08 Oct 2020 21:47
Operator : CG/JU
Sample : L4309-06 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-05-B

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

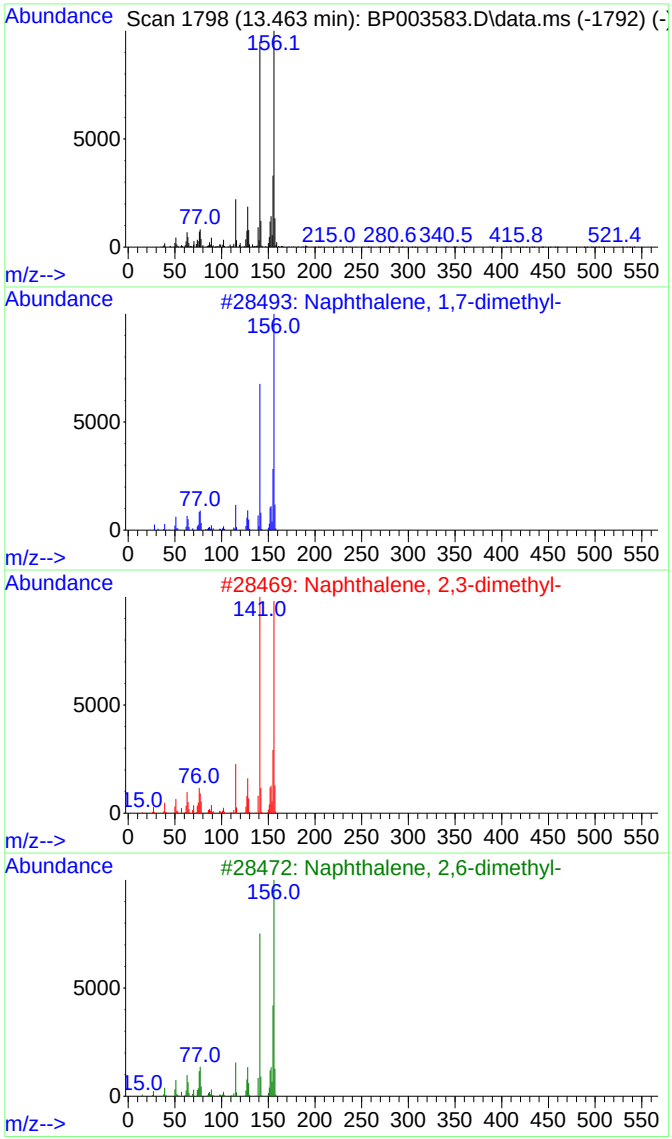
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

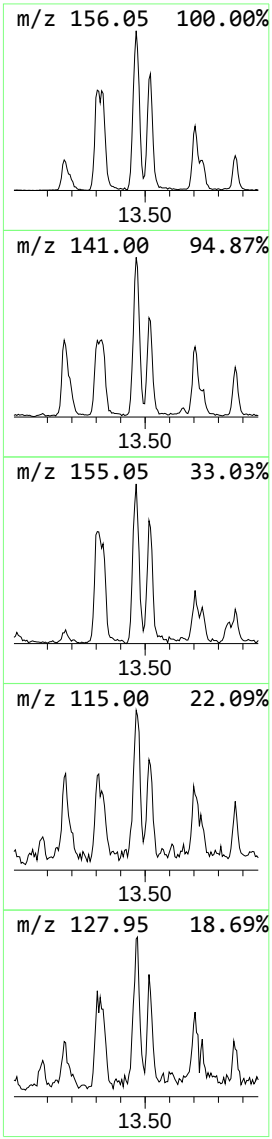
****

Peak Number 1 Naphthalene, 1,7-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.463	2.87 ng	74928	Acenaphthene-d10	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003583.D
Acq On : 08 Oct 2020 21:47
Operator : CG/JU
Sample : L4309-06 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-05-B

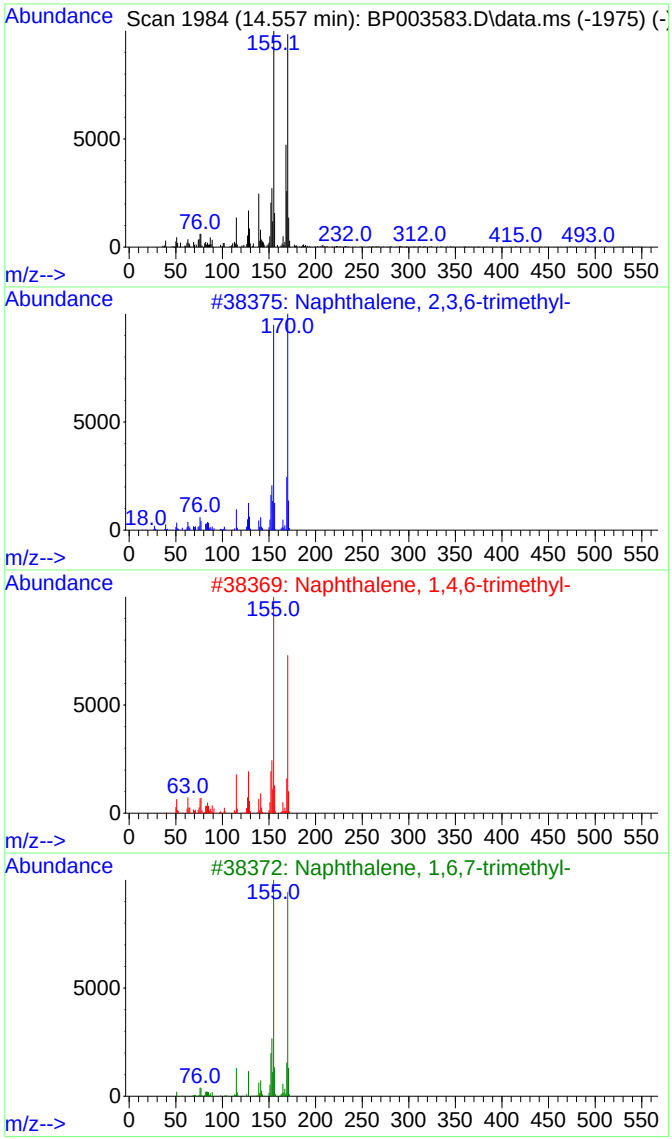
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

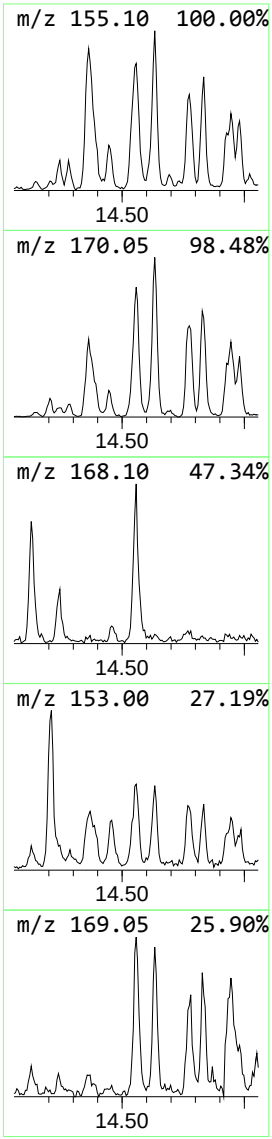
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 2,3,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.557	2.34 ng	60902	Acenaphthene-d10	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	86
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003583.D
Acq On : 08 Oct 2020 21:47
Operator : CG/JU
Sample : L4309-06 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-05-B

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

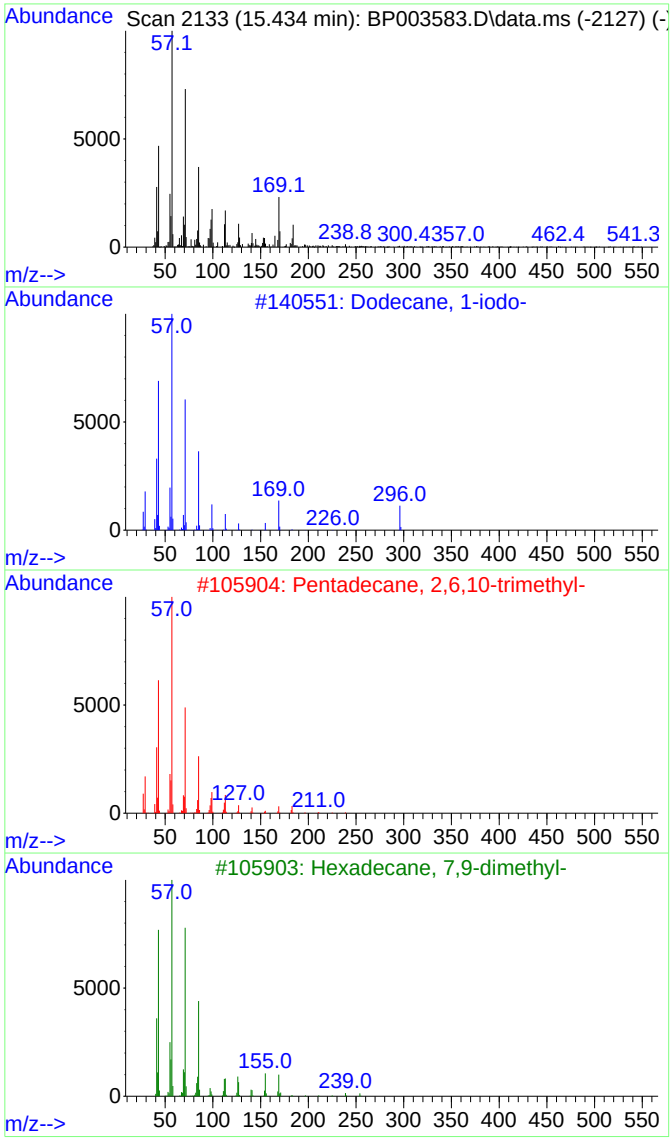
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

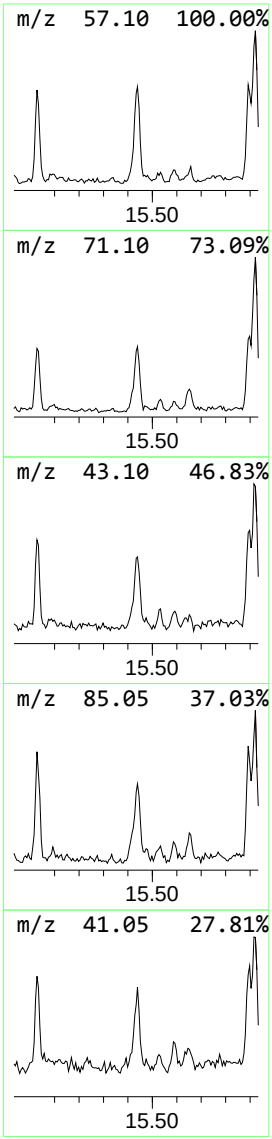
****

Peak Number 3 Dodecane, 1-iodo- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.434	2.10 ng	54753	Acenaphthene-d10	14.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	76
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	70
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	70
4	Tridecane	184	C13H28	000629-50-5	62
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003583.D
Acq On : 08 Oct 2020 21:47
Operator : CG/JU
Sample : L4309-06 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-05-B

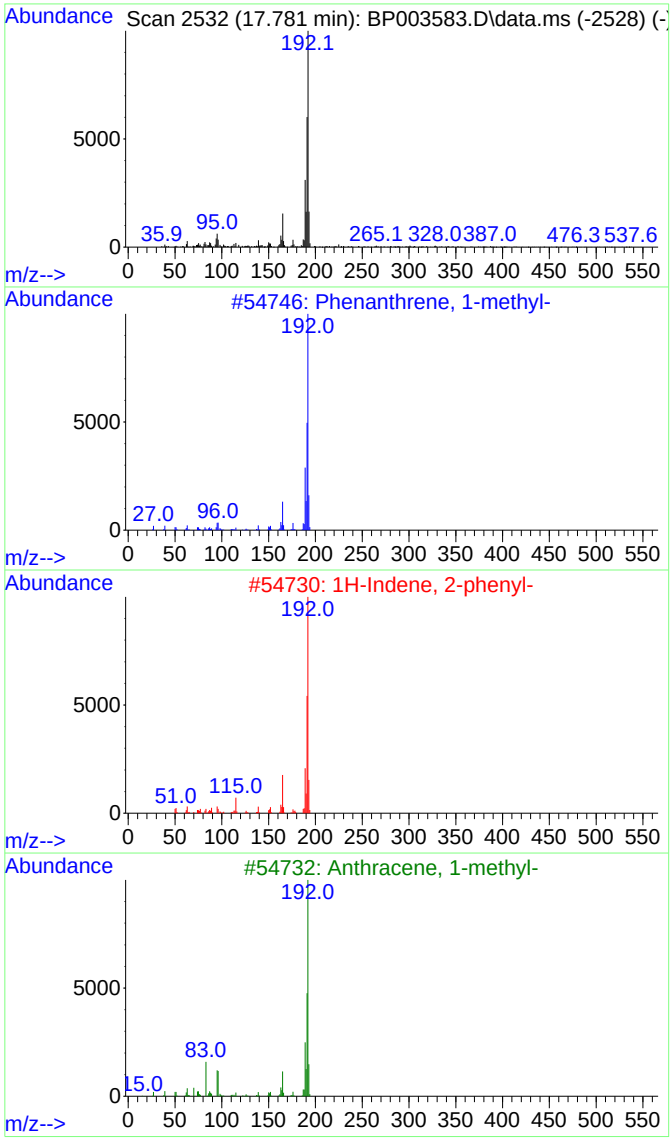
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

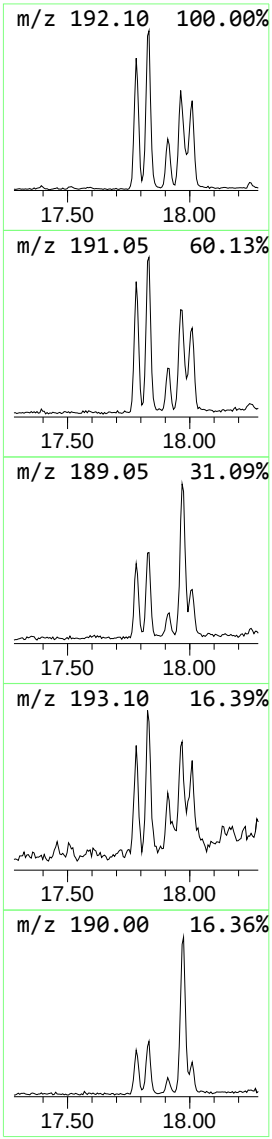
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.781	2.13 ng	65560	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003583.D
Acq On : 08 Oct 2020 21:47
Operator : CG/JU
Sample : L4309-06 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-05-B

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

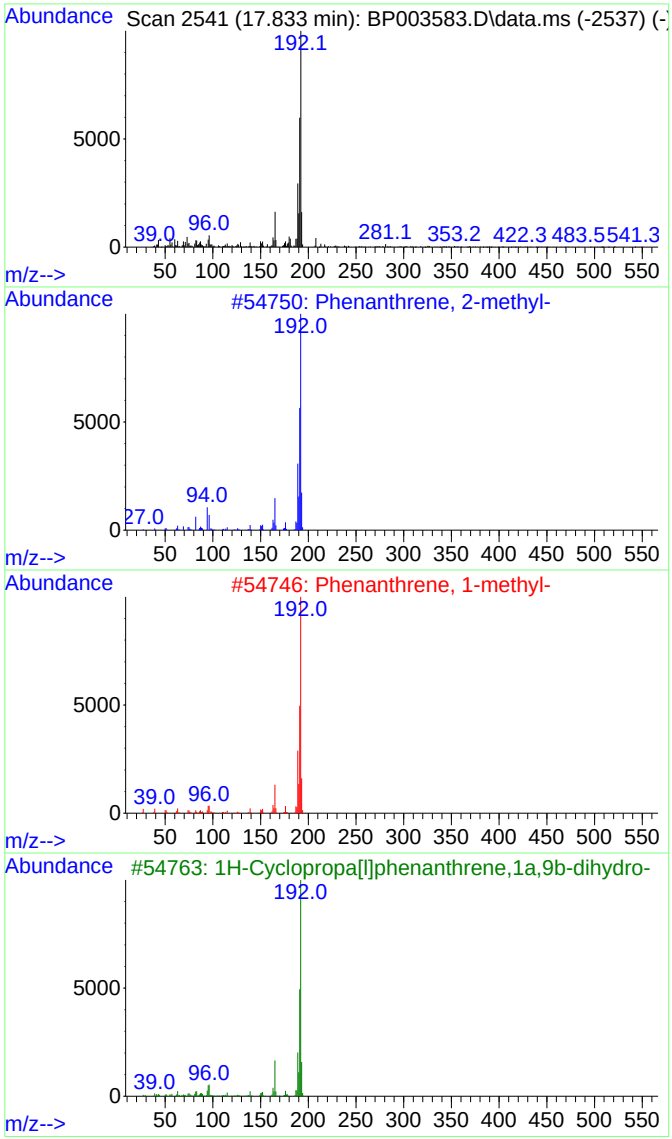
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

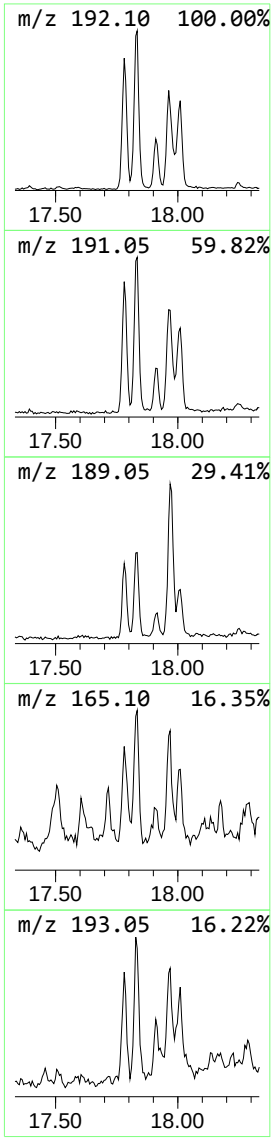
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.834	2.86 ng	88241	Phenanthrene-d10	16.904

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	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003583.D
Acq On : 08 Oct 2020 21:47
Operator : CG/JU
Sample : L4309-06 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OWLS-HEAD-BH-05-B

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

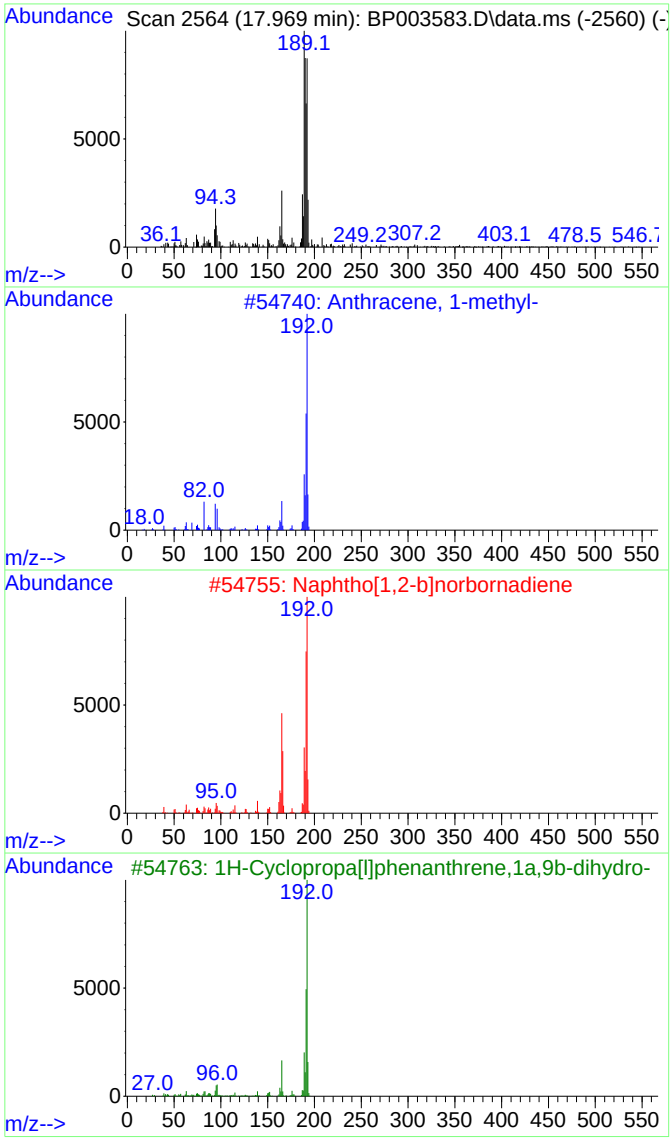
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

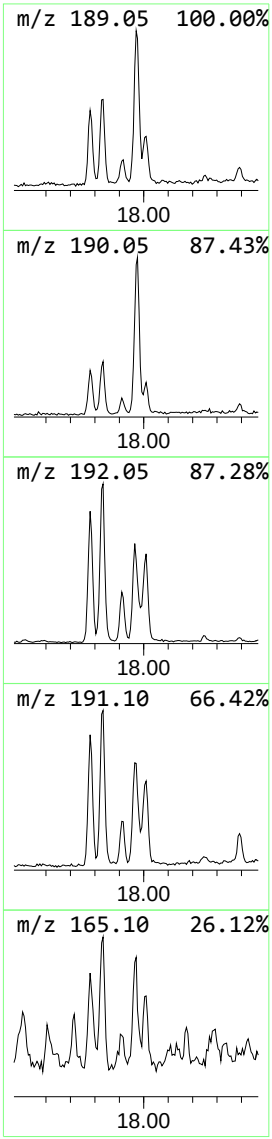
****

Peak Number 6 unknown17.969 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.969	2.59 ng	79846	Phenanthrene-d10	16.904

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
2	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	46
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	46
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100820\
Data File : BP003583.D
Acq On : 08 Oct 2020 21:47
Operator : CG/JU
Sample : L4309-06 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : OWLS-HEAD-BH-05-B

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
Naphthalene, 1,...	13.463	2.9	ng	74928	3	14.145	521489	20.0
Naphthalene, 2,...	14.557	2.3	ng	60902	3	14.145	521489	20.0
Dodecane, 1-iodo-	15.434	2.1	ng	54753	3	14.145	521489	20.0
Phenanthrene, 1...	17.781	2.1	ng	65560	4	16.904	616717	20.0
Phenanthrene, 2...	17.834	2.9	ng	88241	4	16.904	616717	20.0
unknown17.969	17.969	2.6	ng	79846	4	16.904	616717	20.0