LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP009287.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.076	11	15	20	rBV	961952	1275659	4.07%	0.258%
2	5.417	406	413	424	rBV	7771473	12604226	40.20%	2.545%
3	6.811	644	650	661	rBV2	154895	362082	1.15%	0.073%
4	6.993	673	681	689	rBV	7499558	12868849	41.05%	2.599%
5	7.481	758	764	773	rVB	351519	600139	1.91%	0.121%
6	7.734	802	807	815	rBV	230616	457487	1.46%	0.092%
7	7.822	815	822	827	rVV	1998196	3347224	10.68%	0.676%
8	7.893	827	834	842	rVB3	392941	878492	2.80%	0.177%
9	8.322	902	907	911	rBV	562361	890576	2.84%	0.180%
10	8.381	911	917	923	rVB2	613738	1126608	3.59%	0.227%
11	8.469	927	932	936	rBV2	930424	1469114	4.69%	0.297%
12	8.516	937	940	947	rVB3	332558	620869	1.98%	0.125%
13	8.628	949	959	968	rBV3	359225	1386025	4.42%	0.280%
14	8.781	980	985	989	rBV	552474	850605	2.71%	0.172%
15	8.834	989	994	1000	rVB	553283	998214	3.18%	0.202%
16	8.934	1001	1011	1013	rBV	1891372	3398824	10.84%	0.686%
17	8.975	1013	1018	1023	rVB	3817389	6215886	19.83%	1.255%
18	9.187	1044	1054	1061	rBV6	1026937	2940594	9.38%	0.594%
19	9.275	1061	1069	1071	rBV6	336900	824602	2.63%	0.167%
20	9.328	1072	1078	1086	rVB5	638375	1383093	4.41%	0.279%
21	9.422	1088	1094	1095	rBV4	306289	537492	1.71%	0.109%
22	9.458	1095	1100	1103	rBV	611627	957628	3.05%	0.193%
23	9.510	1103	1109	1113	rBV3	587622	1135451	3.62%	0.229%
24	9.610	1122	1126	1134	rBV3	193183	418651	1.34%	0.085%
25	9.716	1134	1144	1149	rBV4	774965	2049595	6.54%	0.414%
26	9.763	1149	1152	1155	rVB2	328950	383426	1.22%	0.077%
27	9.816	1155	1161	1168	rBV5	1415825	3409048	10.87%	0.688%
28	9.910	1173	1177	1183	rVB3	911416	1798411	5.74%	0.363%
29	9.987	1185	1190	1191	rBV	1027150	1332448	4.25%	0.269%
30	10.016	1192	1195	1202	rVB2	2013902	3581920	11.43%	0.723%
31	10.093	1202	1208	1217	rVB2	1284028	2499448	7.97%	0.505%
32	10.175	1217	1222	1226	rBV3	992011	2139125	6.82%	0.432%
33	10.328	1243	1248	1253	rBV	883718	1679839	5.36%	0.339%
34	10.375	1253	1256	1260	rVV2	415808	660609	2.11%	0.133%
35	10.505	1273	1278	1280	rBV4	752334	1328102	4.24%	0.268%
36	10.540	1280	1284	1287	rVV4	1161199	2063591	6.58%	0.417%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	10.610	1288	1296	1303	rVV2	4560679	10501278	33.50%	2.121%
38	10.675	1303	1307	1314	rVV5	1378402	3448739	11.00%	0.696%
39	10.740	1314	1318	1324	rVB	1536398	3174772	10.13%	0.641%
40	10.805	1324	1329	1334	rBV	3961747	6450804	20.58%	1.303%
41	10.928	1347	1350	1357	rVB4	1025636	1847827	5.89%	0.373%
42	11.040	1364	1369	1373	rBV4	1244594	2375566	7.58%	0.480%
43	11.087	1373	1377	1381	rVV	2752973	4782195	15.25%	0.966%
44	11.128	1381	1384	1391	rVB2	1403430	2166574	6.91%	0.437%
45	11.205	1392	1397	1402	rBV	1911451	3270685	10.43%	0.660%
46	11.287	1407	1411	1414	rBV	1190586	2177293	6.94%	0.440%
47	11.410	1429	1432	1438	rVB	1478807	2389597	7.62%	0.483%
48	11.481	1439	1444	1449	rBV2	1598176	2992729	9.55%	0.604%
49	11.540	1450	1454	1459	rBV	1889180	3047174	9.72%	0.615%
50	11.675	1471	1477	1483	rBV	7304235	14305369	45.63%	2.889%
51	11.928	1516	1520	1523	rBV3	1248897	1957577	6.24%	0.395%
52	12.046	1537	1540	1543	rBV	796267	1105561	3.53%	0.223%
53	12.175	1556	1562	1566	rBV	3339466	5792855	18.48%	1.170%
54	12.387	1590	1598	1601	rBV6	1215226	3646414	11.63%	0.736%
55	12.428	1602	1605	1609	rVV3	1049850	1384832	4.42%	0.280%
56	12.499	1612	1617	1621	rVV	6240156	11402785	36.37%	2.303%
57	12.546	1621	1625	1630	rVB2	4119379	7428960	23.70%	1.500%
58	12.910	1682	1687	1692	rVB5	1239957	2660028	8.48%	0.537%
59	13.028	1701	1707	1711	rBV2	9173736	14920959	47.59%	3.013%
60	13.087	1711	1717	1722	rVB	8671589	13907451	44.36%	2.808%
61	13.293	1749	1752	1756	rVB3	2578317	3561251	11.36%	0.719%
62	13.334	1756	1759	1763	rBV2	1653969	2188445	6.98%	0.442%
63	13.410	1767	1772	1777	rBV4	4715163	8309147	26.50%	1.678%
64	13.469	1778	1782	1787	rVB2	2827462	4967460	15.84%	1.003%
65	13.522	1788	1791	1794	rBV2	1208040	1746852	5.57%	0.353%
66	13.628	1806	1809	1812	rBV2	1090528	1350732	4.31%	0.273%
67	13.793	1832	1837	1841	rBV	4437835	6808966	21.72%	1.375%
68	13.840	1841	1845	1850	rVB2	6453187	9740569	31.07%	1.967%
69	13.898	1850	1855	1859	rBV2	3940656	6116915	19.51%	1.235%
70	13.975	1863	1868	1872	rBV2	11343851	17603729	56.15%	3.555%
71	14.022	1873	1876	1879	rBV2	2713615	3538973	11.29%	0.715%
72	14.187	1899	1904	1908	rBV2	3720997	6385979	20.37%	1.290%
73	14.310	1921	1925	1932	rVB3	2910097	6099985	19.46%	1.232%
74	14.457	1943	1950	1956	rBV6	5509451	13605564	43.40%	2.747%
75	14.940	2030	2032	2038	rVB	3547450	5033094	16.05%	1.016%
76	15.010	2040	2044	2052	rVV4	5069005	8584893	27.38%	1.734%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

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-BP030522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	15.093	2053	2058	2062	rVV	3534680	7286964	23.24%	1.471%
78	15.140	2063	2066	2070	rVB3	4024961	5477719	17.47%	1.106%
79	15.563	2135	2138	2144	rBV5	1808294	3467710	11.06%	0.700%
80	15.640	2148	2151	2155	rVB2	3921082	5473130	17.46%	1.105%
81	15.751	2164	2170	2176	rBV2	11262648	20042197	63.93%	4.047%
82	15.957	2200	2205	2213	rVB2	9112956	16166300	51.56%	3.264%
83	16.204	2243	2247	2248	rBV	2539230	3153133	10.06%	0.637%
84	16.240	2248	2253	2261	rVB	19902488	31351442	100.00%	6.331%
85	16.334	2266	2269	2274	rVB2	2744289	3700976	11.80%	0.747%
86	16.581	2308	2311	2315	rBV3	3049479	4617068	14.73%	0.932%
87	17.063	2388	2393	2404	rVB	14494115	25289754	80.67%	5.107%
88	17.222	2417	2420	2423	rBV	2346185	2797182	8.92%	0.565%
89	17.263	2424	2427	2432	rVB3	2720627	3879202	12.37%	0.783%
90	17.675	2494	2497	2503	rVB	3696444	5328426	17.00%	1.076%
91	18.869	2697	2700	2704	rBV	2662414	3687982	11.76%	0.745%
92	18.986	2716	2720	2725	rBV	2812014	4160853	13.27%	0.840%
93	19.675	2833	2837	2842	rVB	2645344	4176248	13.32%	0.843%
94	19.798	2853	2858	2862	rVB	13673920	17831142	56.88%	3.601%
95	21.051	3068	3071	3079	rVB2	501199	776410	2.48%	0.157%
96	21.328	3113	3118	3134	rVB	4371962	6478568	20.66%	1.308%
97	21.751	3187	3190	3200	rVB	403402	559658	1.79%	0.113%
98	23.727	3519	3526	3543	rVB2	3034322	6267430	19.99%	1.266%

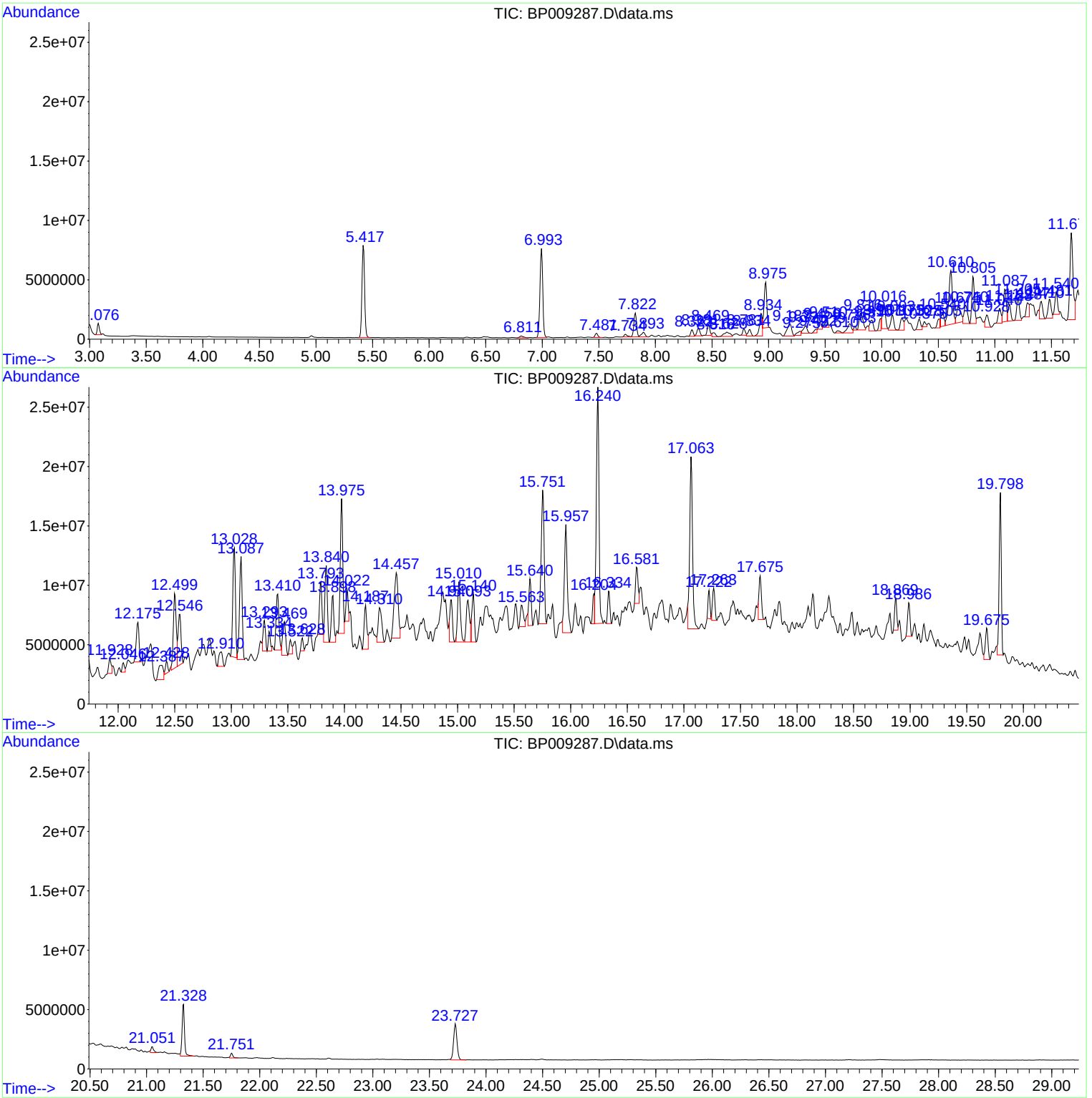
Sum of corrected areas: 495224024

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

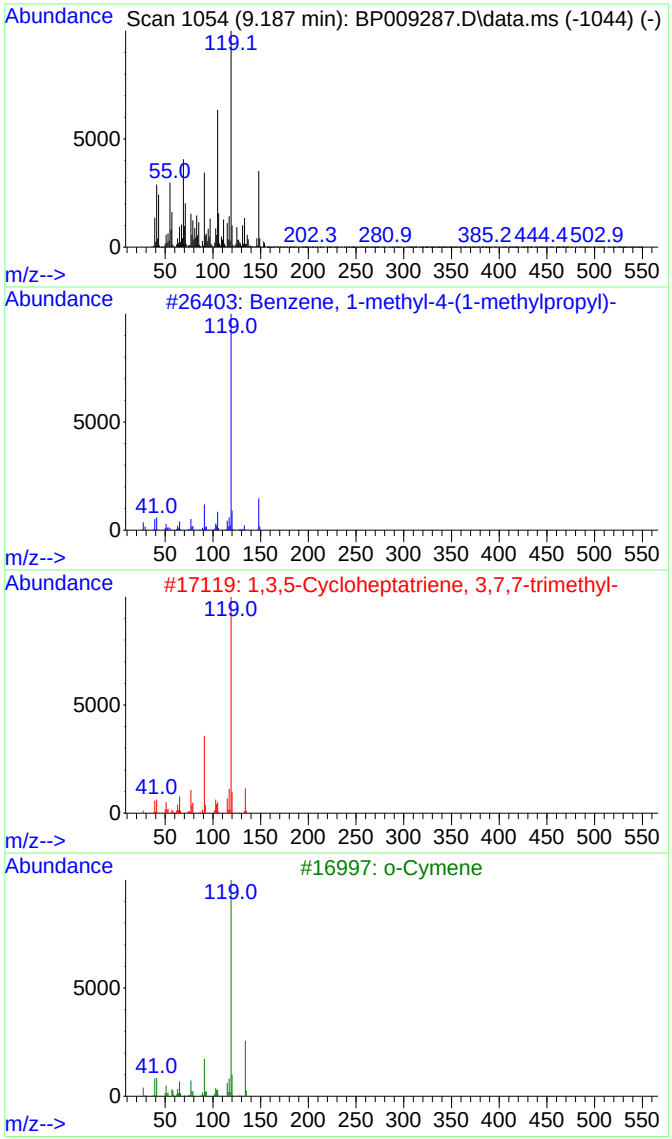
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

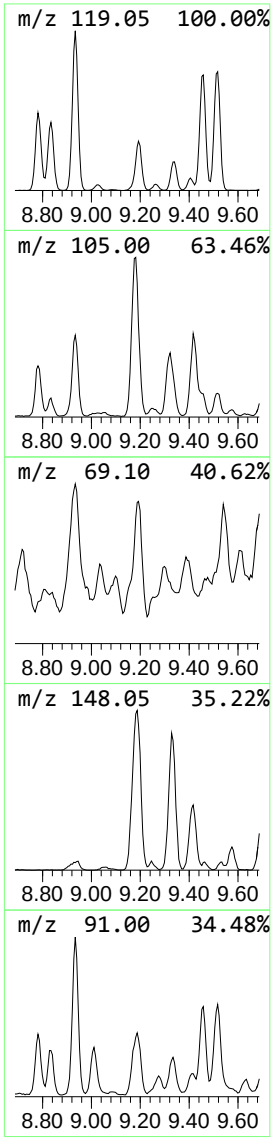
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1-methyl-4-(1-meth... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.187	17.57 ng	2940590	1,4-Dichlorobenzene-d4	7.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	58
2	1,3,5-Cycloheptatriene, 3,7,7-tr...	134	C10H14	003479-89-8	55
3	o-Cymene	134	C10H14	000527-84-4	55
4	p-Cymene	134	C10H14	000099-87-6	55
5	Propiophenone, 2'-methyl-	148	C10H12O	002040-14-4	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

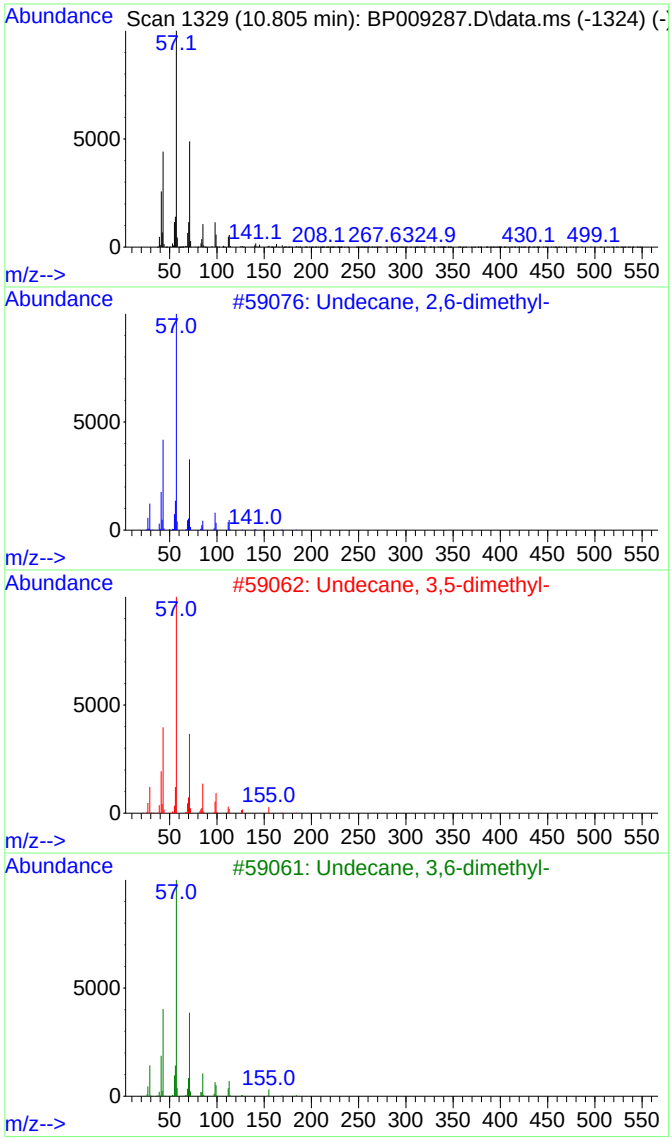
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

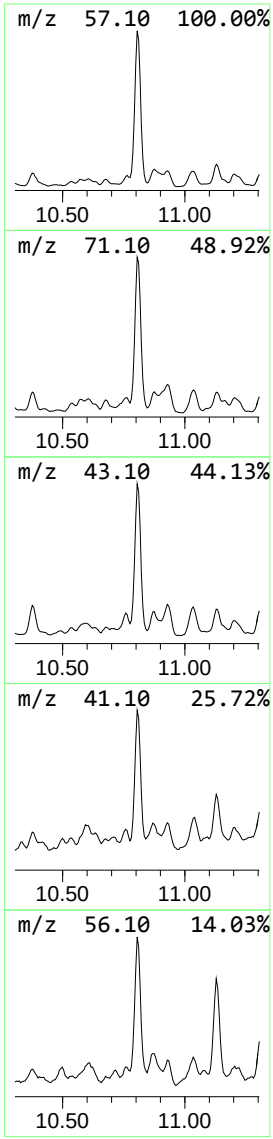
****

Peak Number 2 Undecane, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.805	12.29 ng	6450800	Naphthalene-d8	10.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
3	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

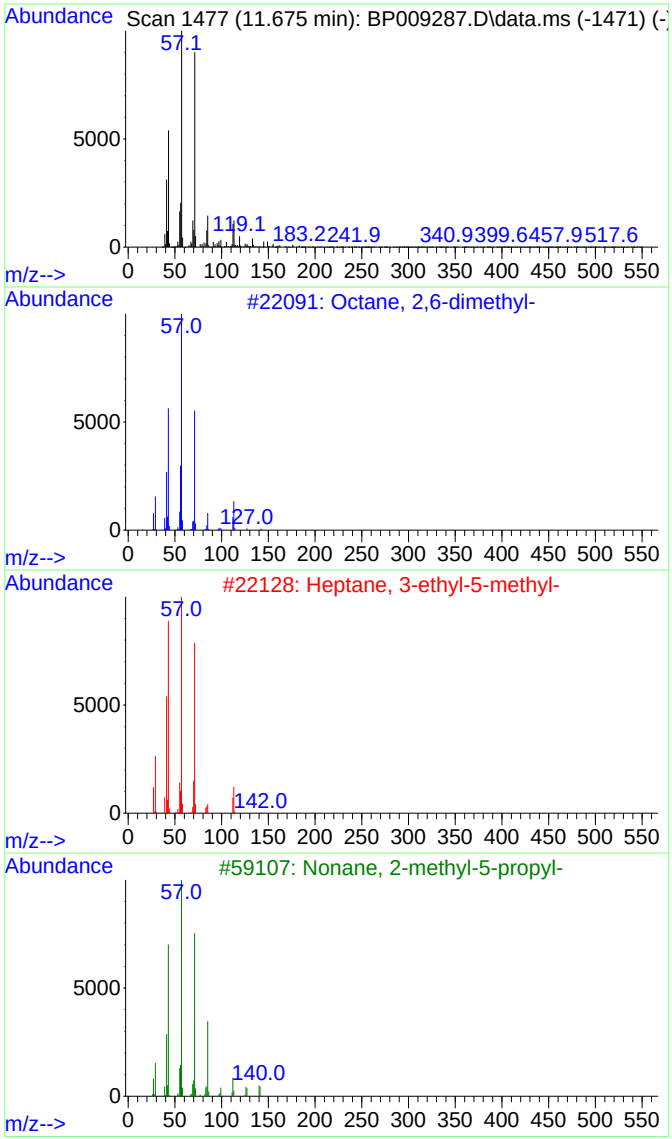
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

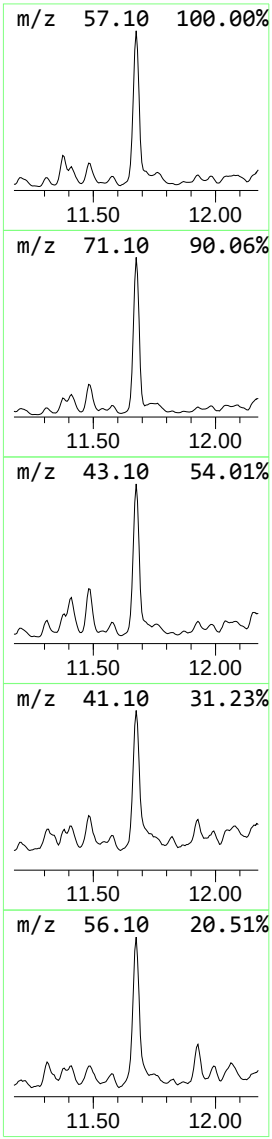
****

Peak Number 3 Octane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.675	27.25 ng	14305400	Naphthalene-d8	10.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	72
3	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
4	Heptane, 3-[(ethenyloxy)methyl]-	156	C10H20O	000103-44-6	64
5	Oxalic acid, butyl 2-ethylhexyl ...	258	C14H26O4	1000309-38-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

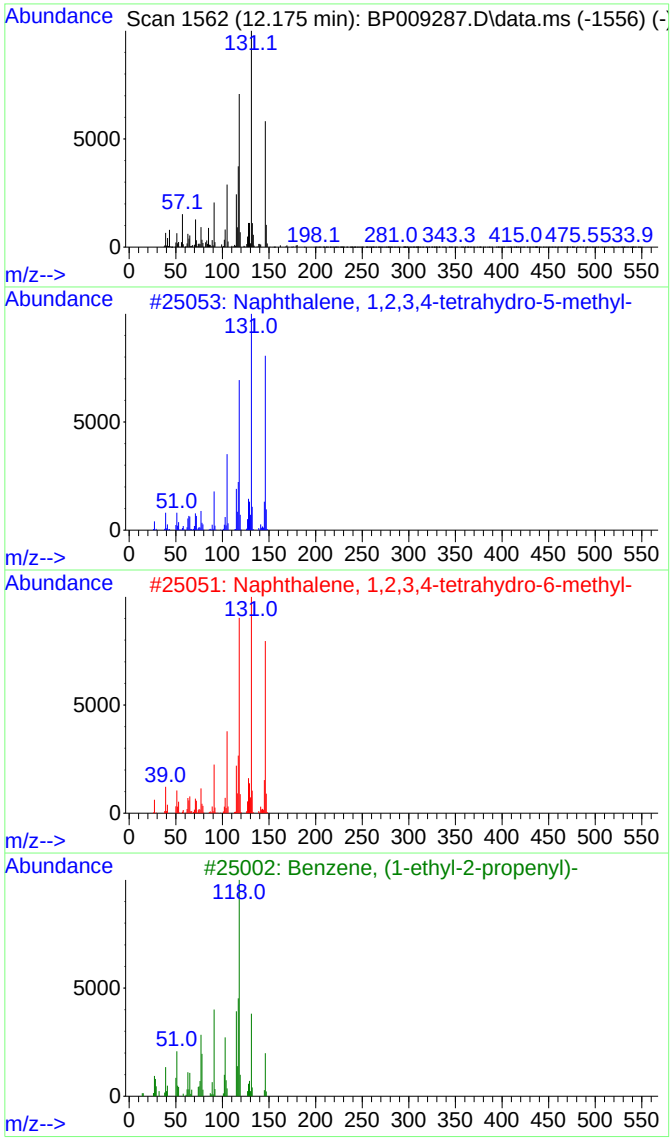
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

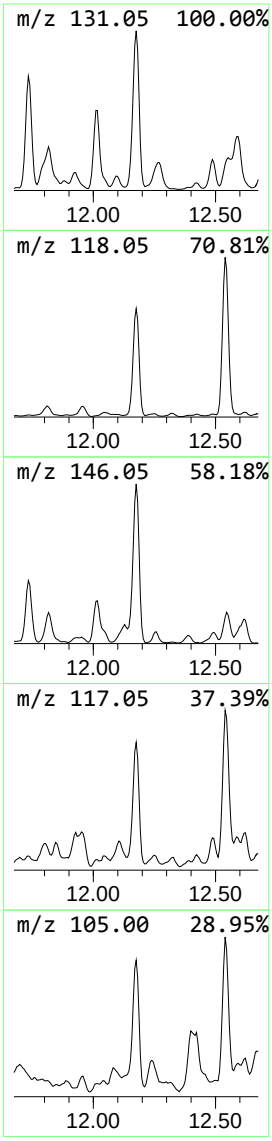
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.175	11.03 ng	5792860	Naphthalene-d8	10.616

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	93
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	93
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	81
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	81
5	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

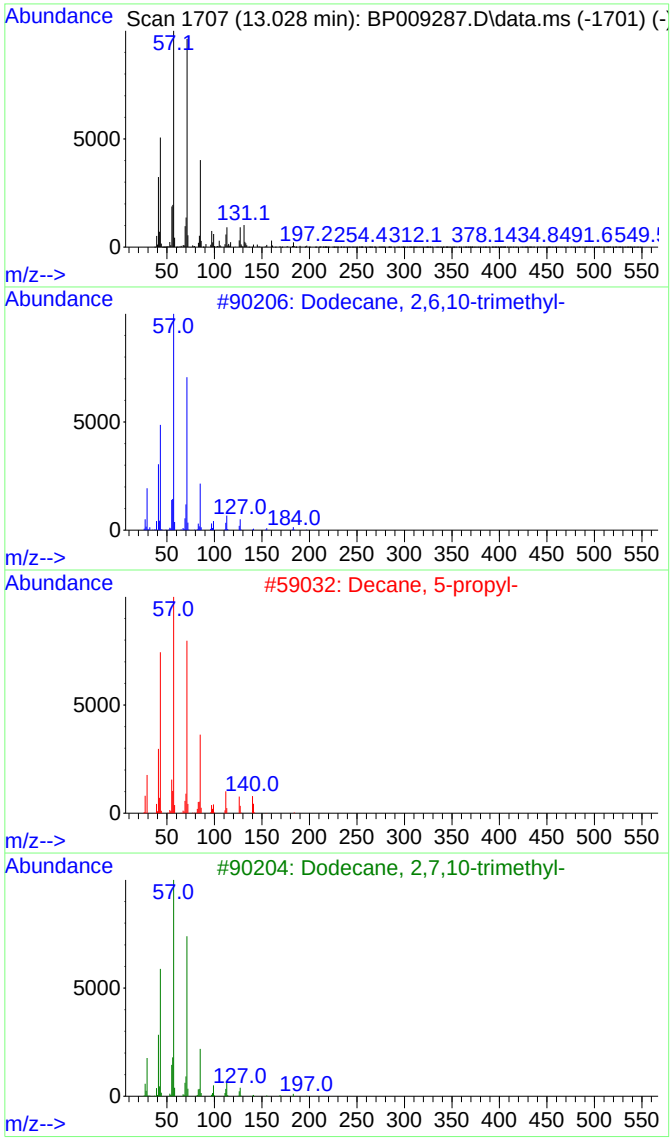
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

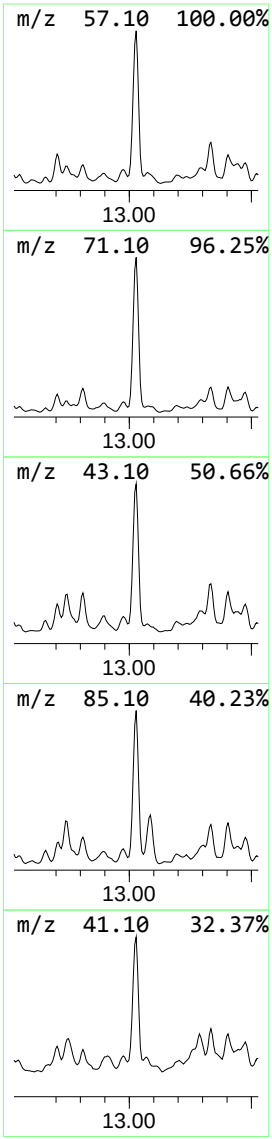
****

Peak Number 5 Dodecane, 2,6,10-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.028	21.93 ng	14921000	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2	Decane, 5-propyl-	184	C13H28	017312-62-8	72
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	58
5	Octane, 2-methyl-	128	C9H20	003221-61-2	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

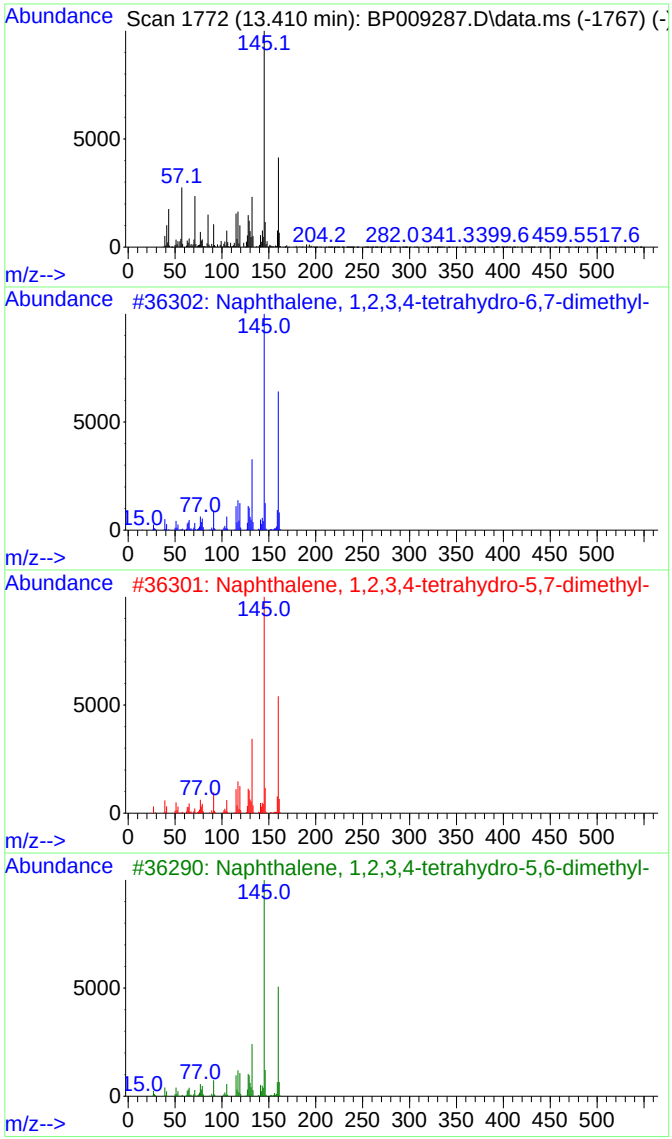
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

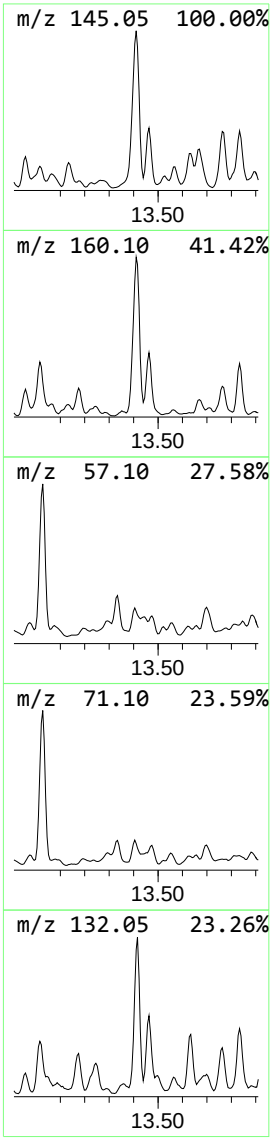
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.410	12.21 ng	8309150	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	95
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	95
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	93
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

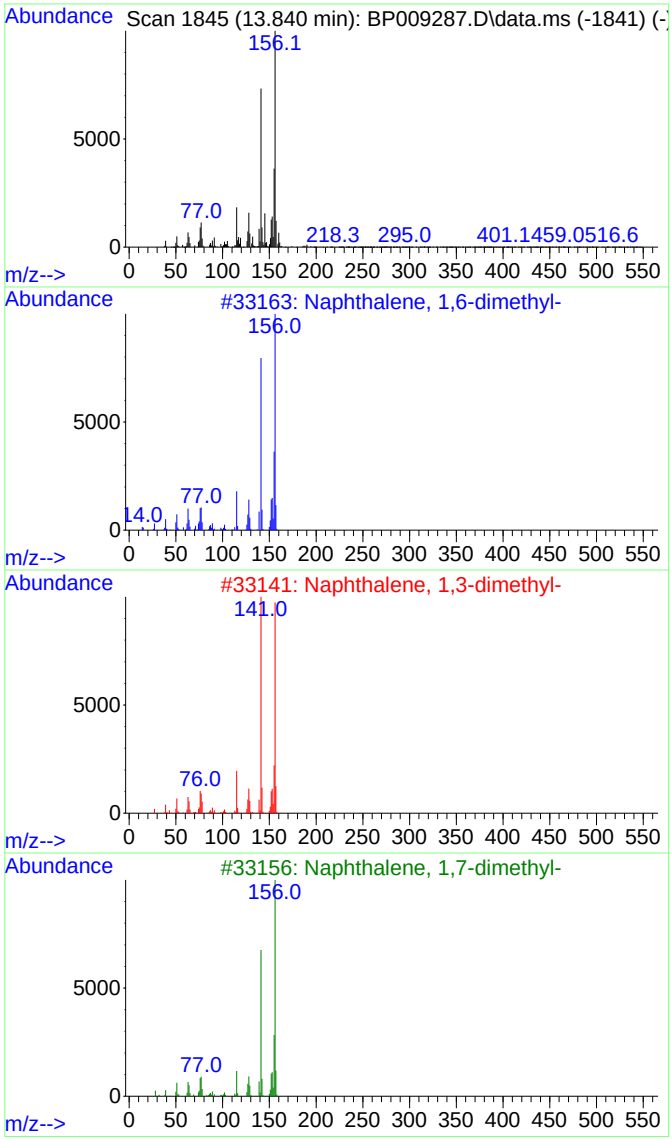
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

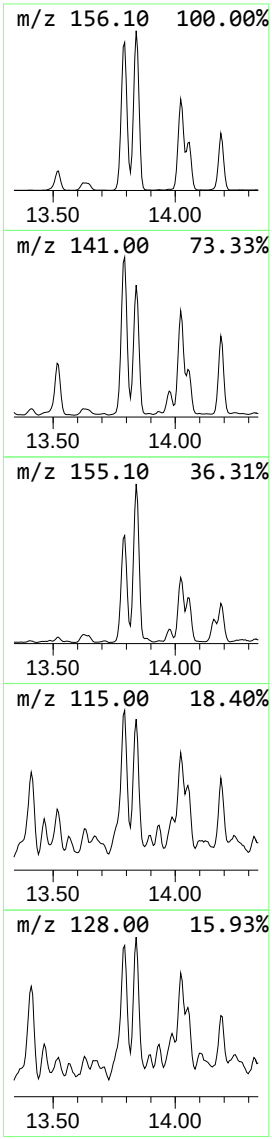
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphthalene, 1,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.840	14.32 ng	9740570	Acenaphthene-d10	14.463

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

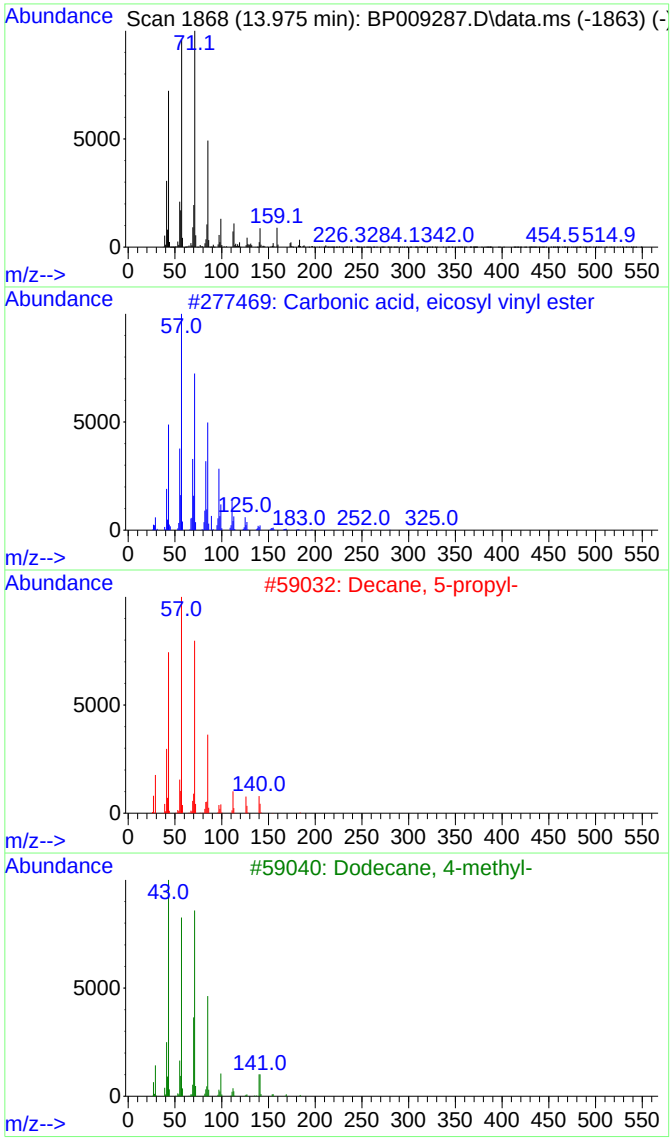
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

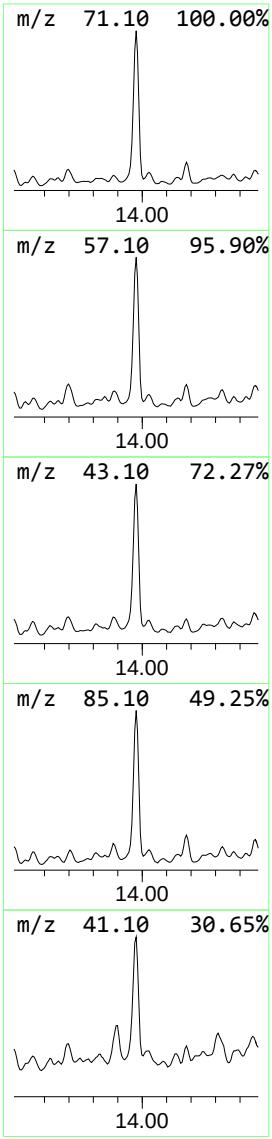
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Carbonic acid, eicosyl viny... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.975	25.88 ng	17603700	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
2	Decane, 5-propyl-	184	C13H28	017312-62-8	81
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	74
4	Tridecane, 5-propyl-	226	C16H34	055045-11-9	70
5	Hexadecane	226	C16H34	000544-76-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

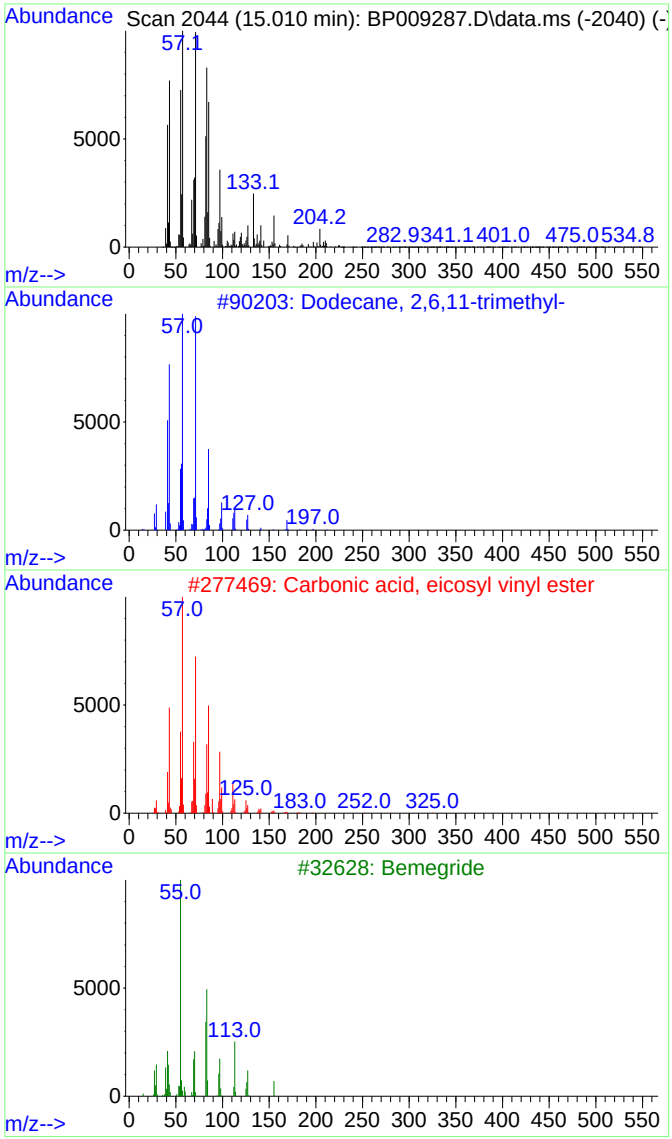
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

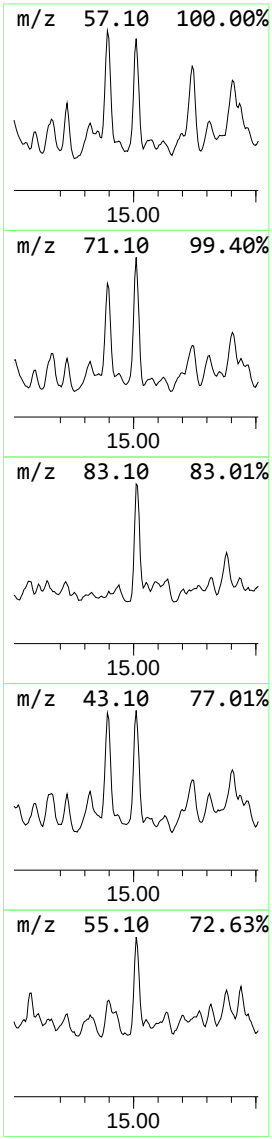
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Dodecane, 2,6,11-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.010	12.62 ng	8584890	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	51
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	43
3	Bemegride	155	C8H13NO2	000064-65-3	38
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	38
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

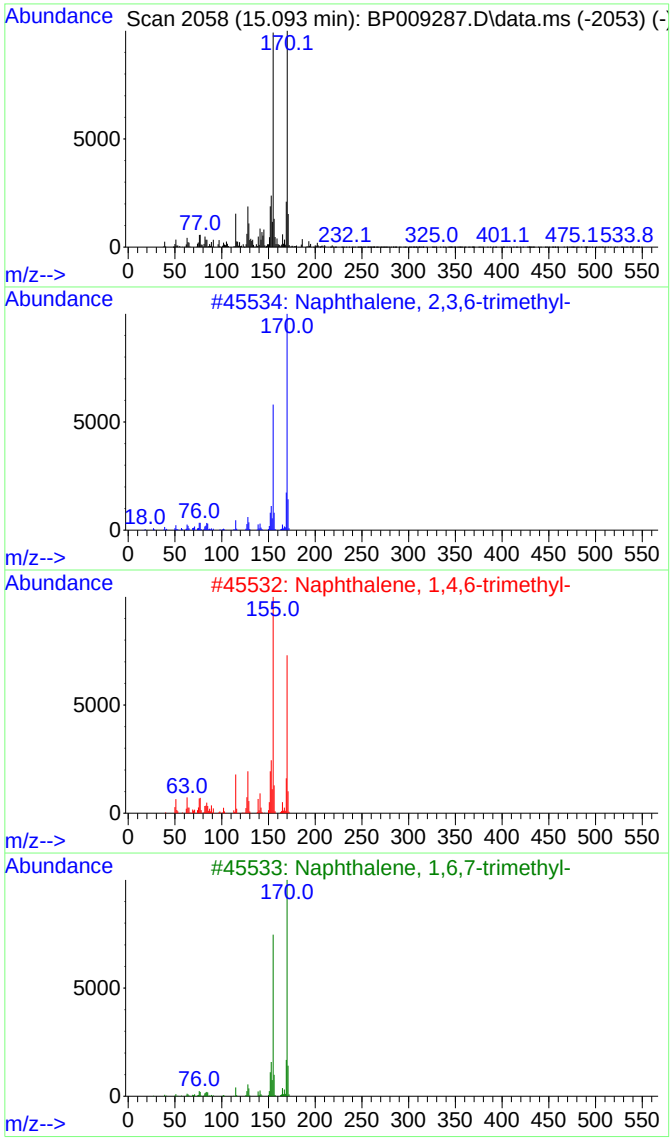
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

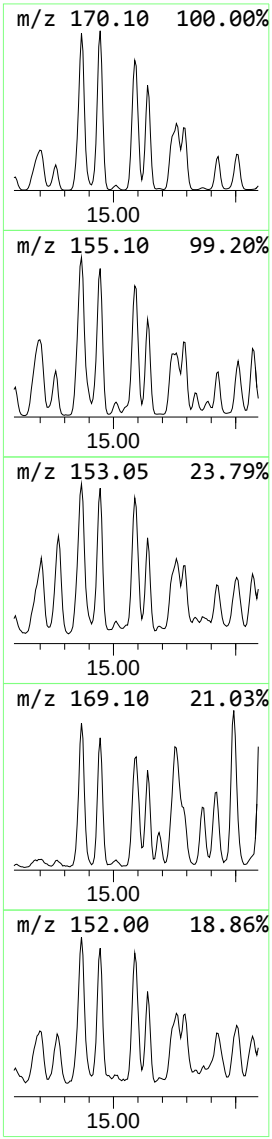
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.092	10.71 ng	7286960	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	97
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

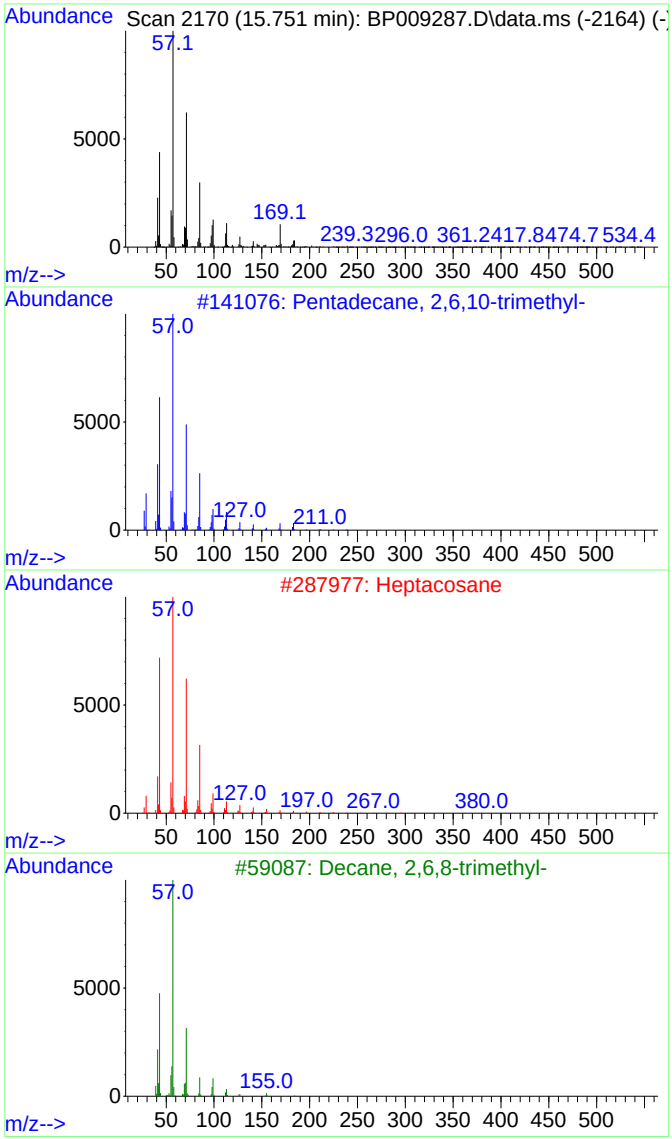
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

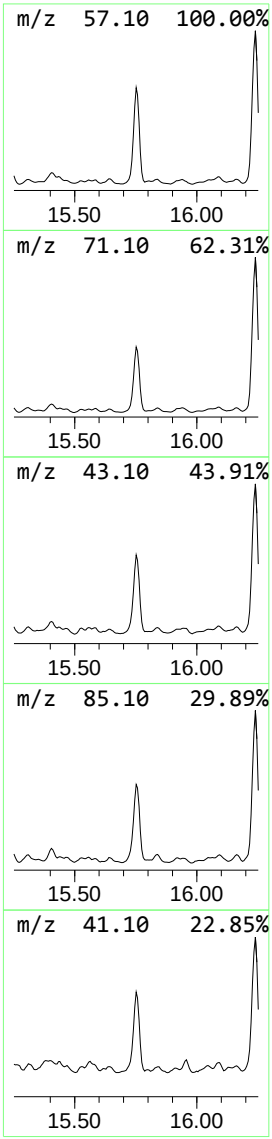
****

Peak Number 11 Pentadecane, 2,6,10-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.751	29.46 ng	20042200	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	Heptacosane	380	C27H56	000593-49-7	80
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	70
4	Hexadecane	226	C16H34	000544-76-3	68
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

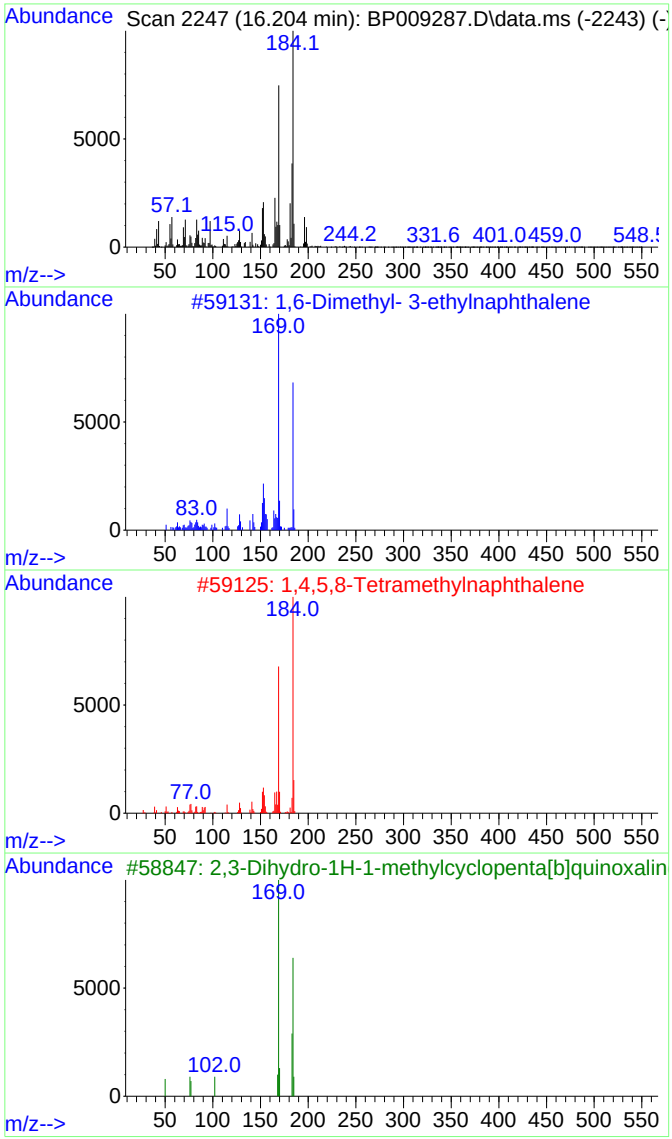
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

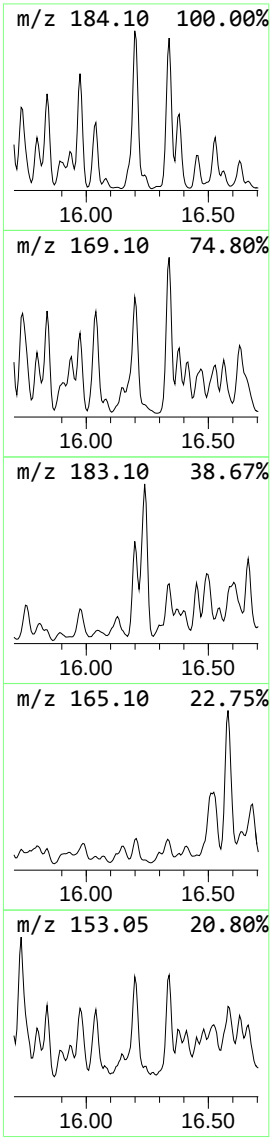
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1,6-Dimethyl- 3-ethylnaphth... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.204	22.55 ng	3153130	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	64
2	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	58
3	2,3-Dihydro-1H-1-methylcyclopent...	184	C12H12N2	026629-21-0	53
4	1,2-Benzenediamine, N-phenyl-	184	C12H12N2	000534-85-0	49
5	p-Benzylphenol	184	C13H12O	000101-53-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

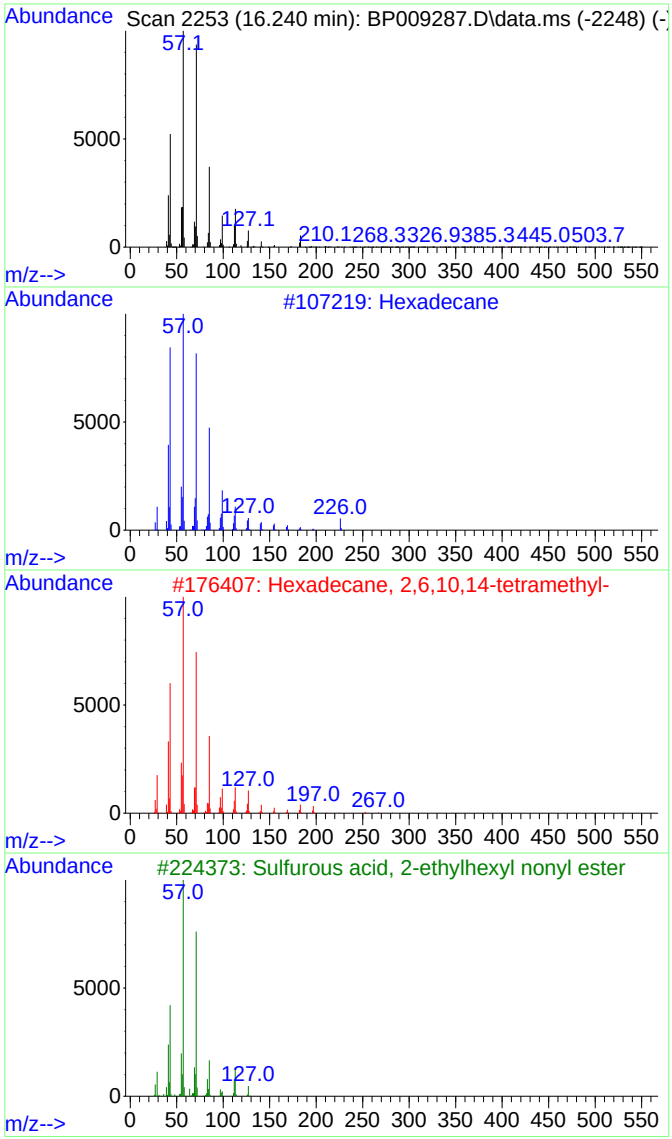
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

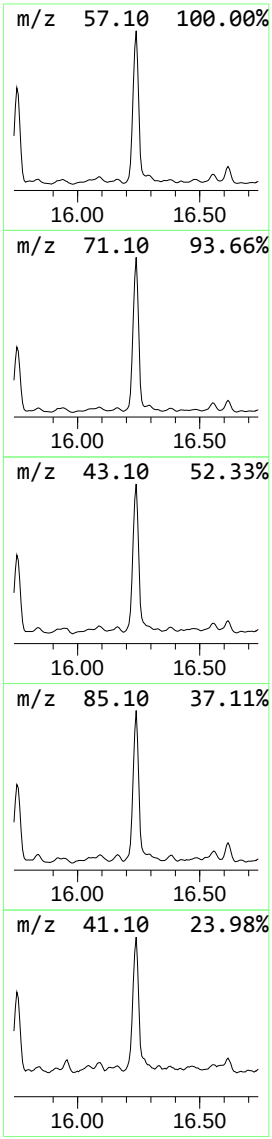
****

Peak Number 13 Hexadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.240	224.16 ng	31351400	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	86
3	Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1010309-19-2	80
4	Sulfurous acid, 2-ethylhexyl und...	348	C19H40O3S	1000309-19-4	80
5	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

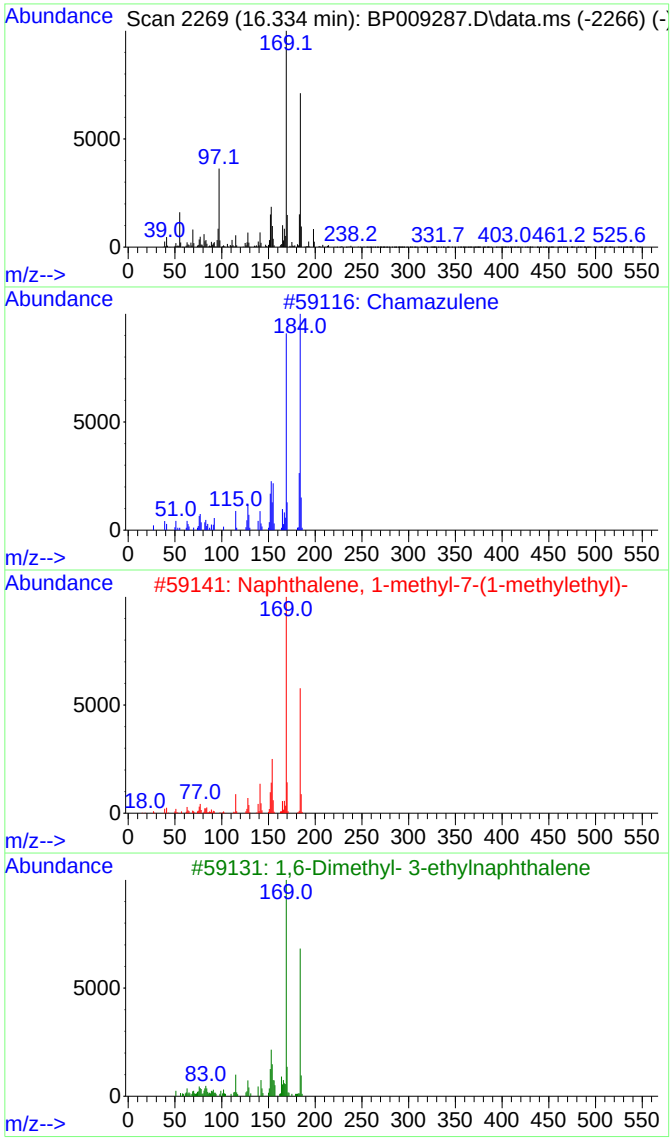
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

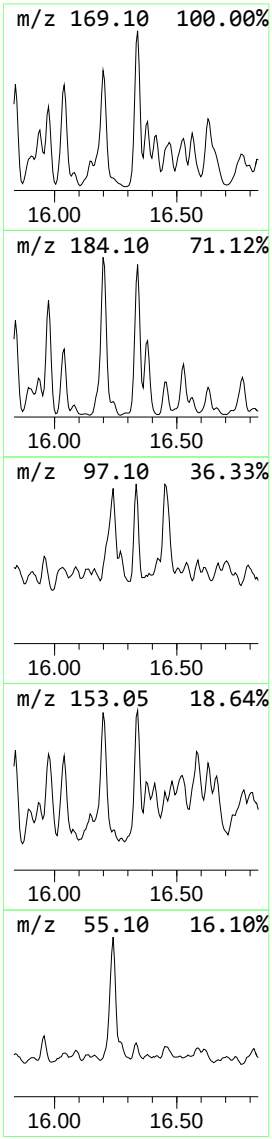
****

Peak Number 14 Chamazulene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.334	26.46 ng	3700980	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chamazulene	184	C14H16	000529-05-5	91
2	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	76
3	1,6-Dimethyl- 3-ethylnaphthalene	184	C14H16	1000383-71-8	76
4	3-Amino-2-fluoropyridine, TMS	184	C8H13FN2Si	1000496-60-9	64
5	2,4,6(1H,3H,5H)-Pyrimidinetrione...	240	C12H20N2O3	055134-03-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

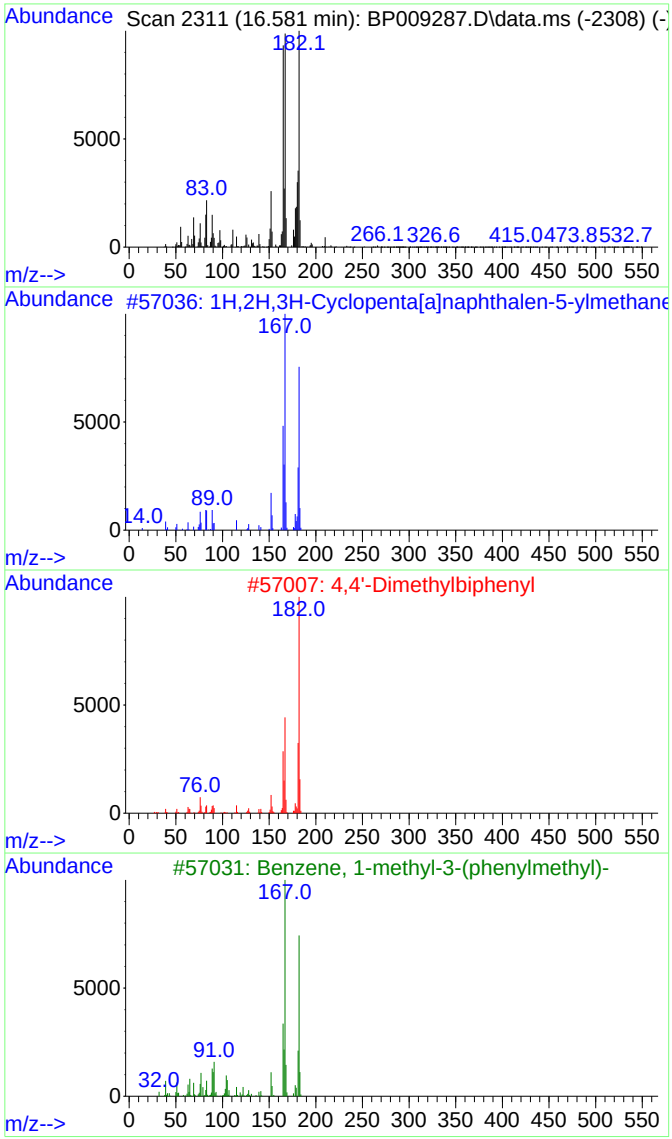
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

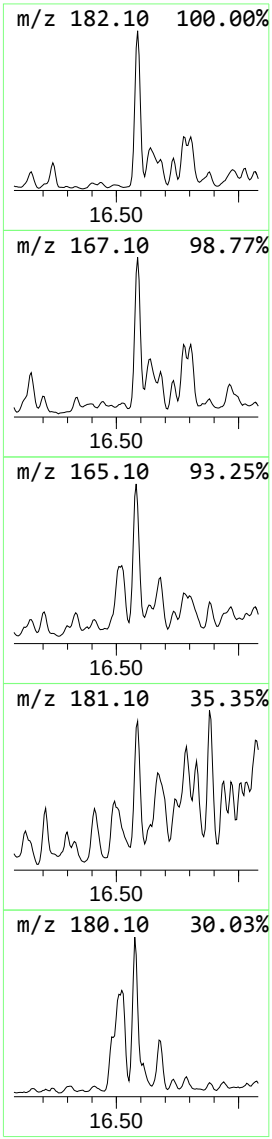
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 1H,2H,3H-Cyclopenta[a]napht... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.581	33.01 ng	4617070	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	93
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	81
3	Benzene, 1-methyl-3-(phenylmethyl)-	182	C14H14	000620-47-3	70
4	2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	64
5	1,1'-Biphenyl, 2,3'-dimethyl-	182	C14H14	000611-43-8	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

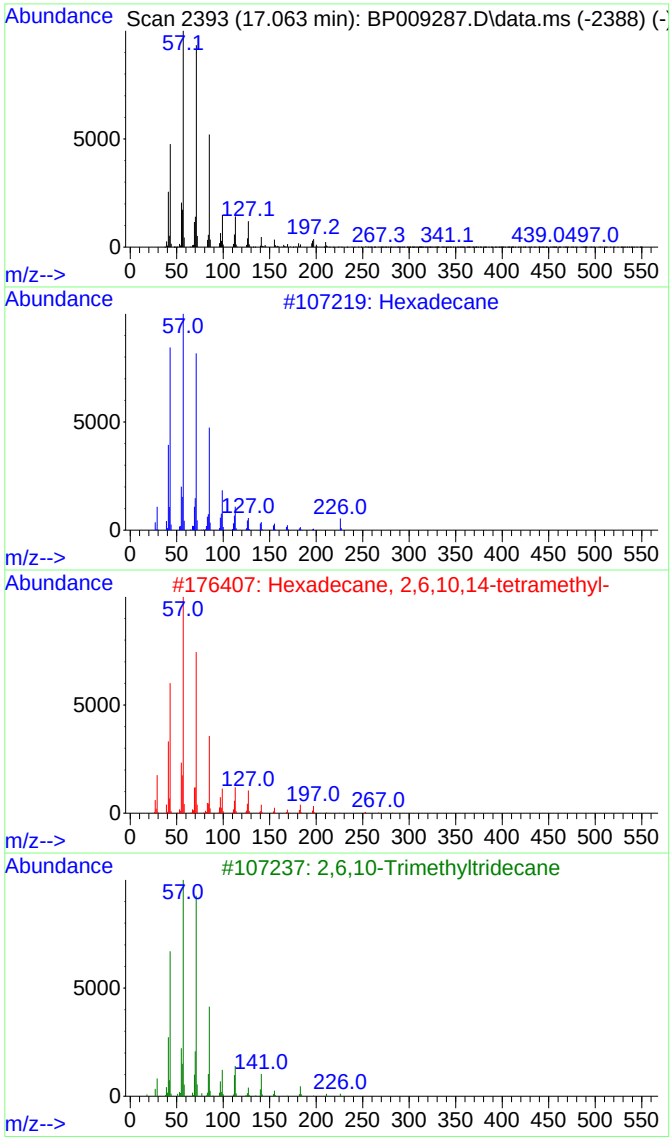
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

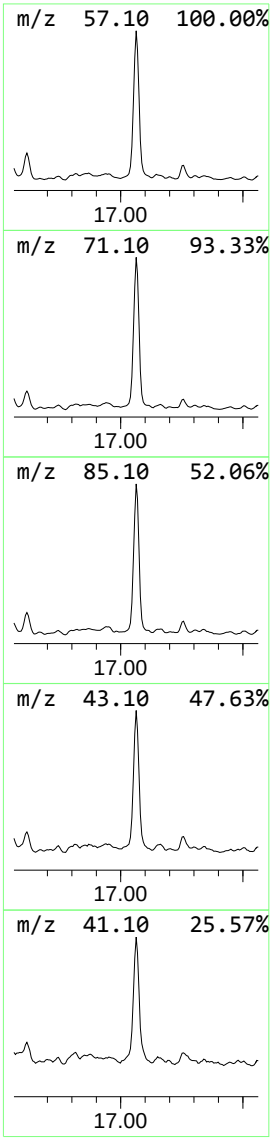
****

Peak Number 16 Hexadecane, 2,6,10,14-tetra... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.063	180.82 ng	25289800	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
3	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	78
4	Heptadecane	240	C17H36	000629-78-7	78
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

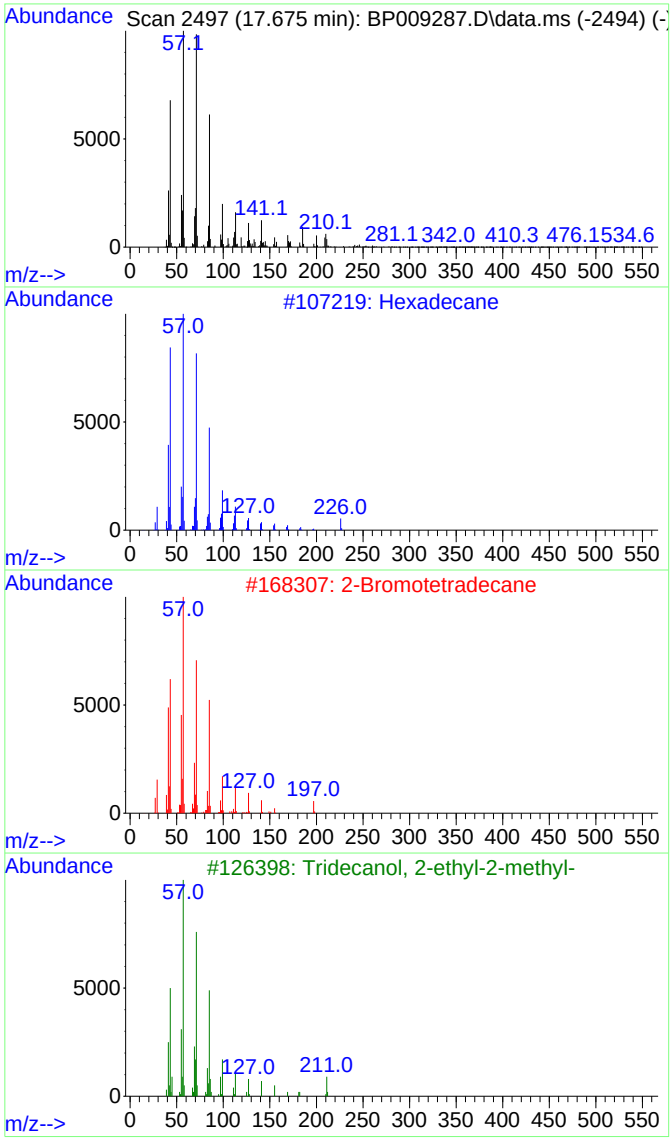
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

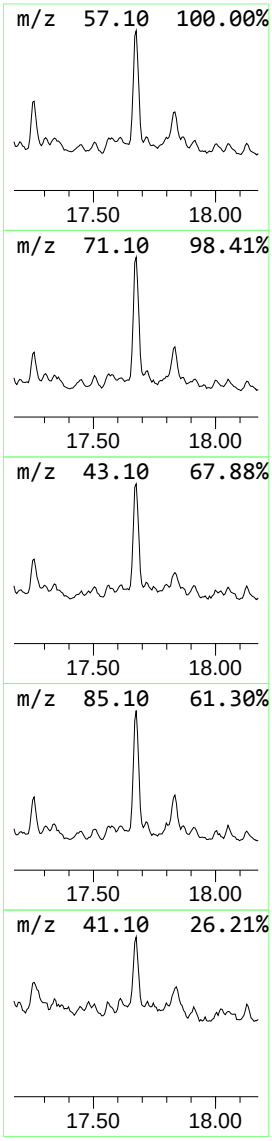
****

Peak Number 17 2-Bromotetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.675	38.10 ng	5328430	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1010115-66-1	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

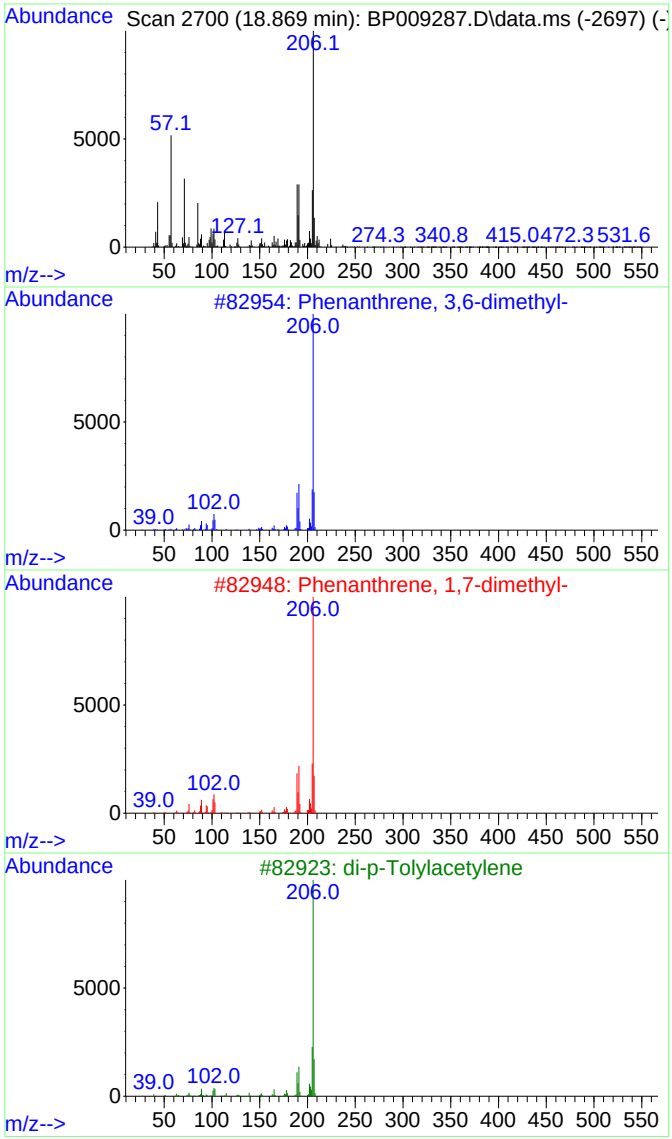
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

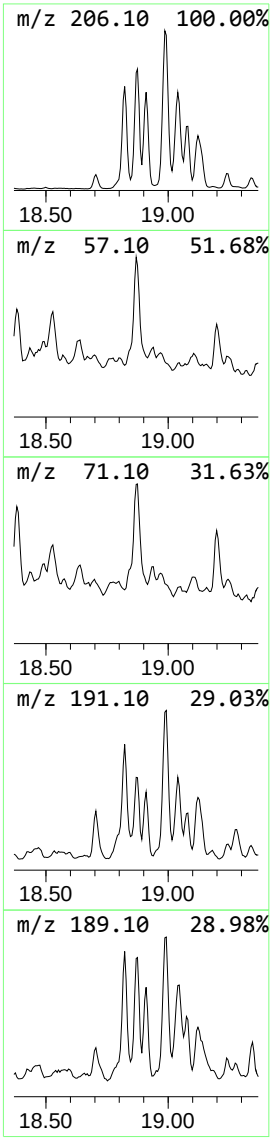
****

Peak Number 18 Phenanthrene, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	26.37 ng	3687980	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	92
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

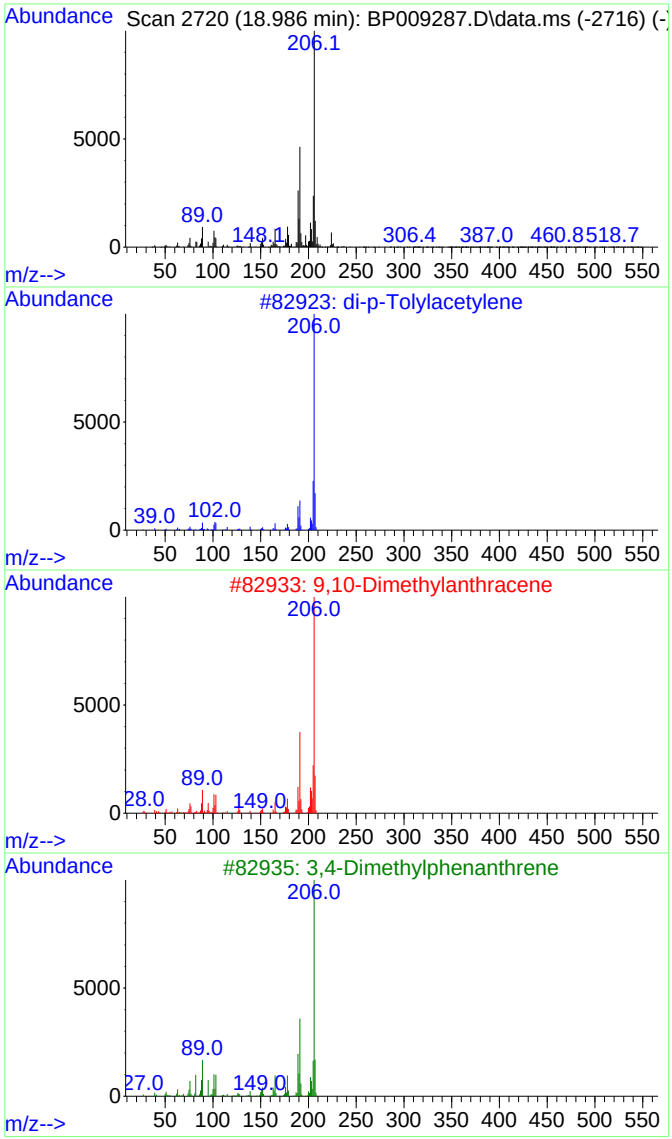
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

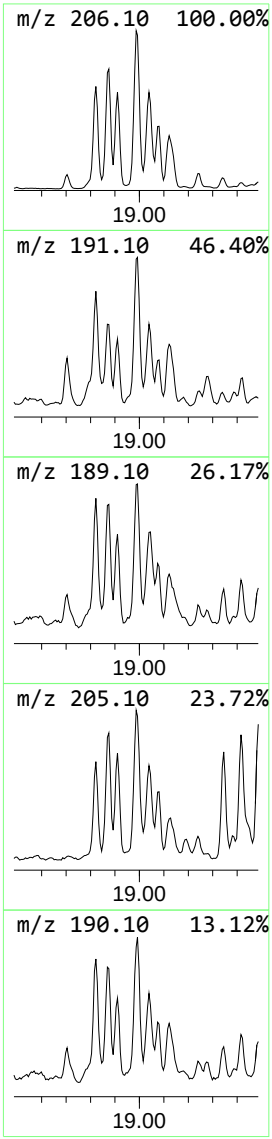
****

Peak Number 19 di-p-Tolylacetylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.986	29.75 ng	4160850	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	86
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

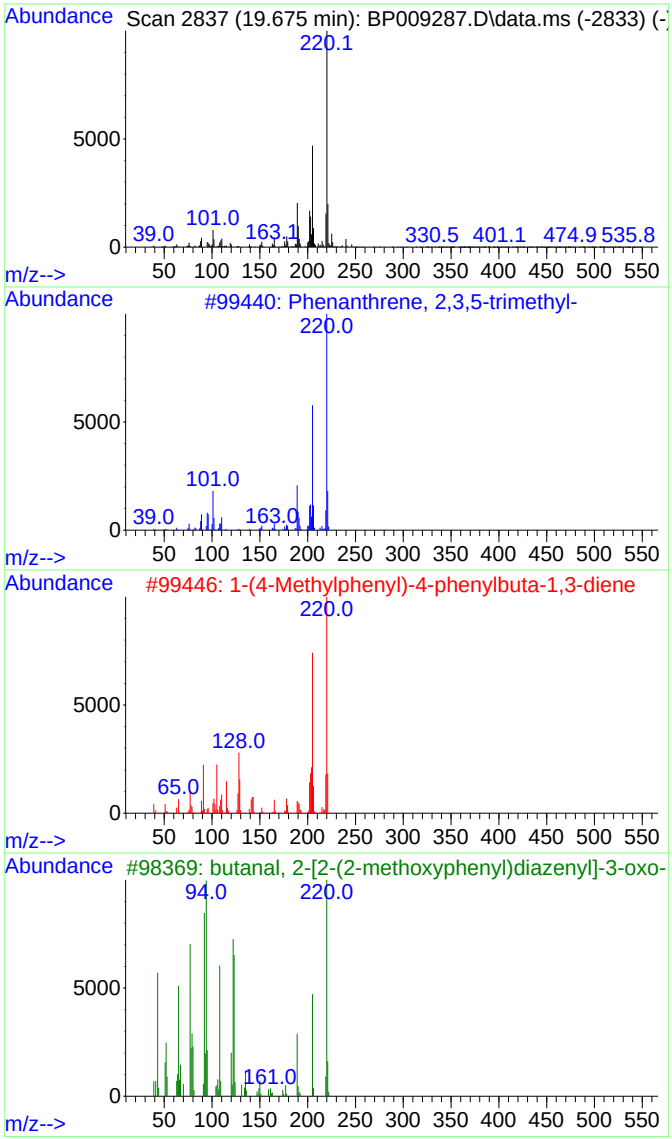
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

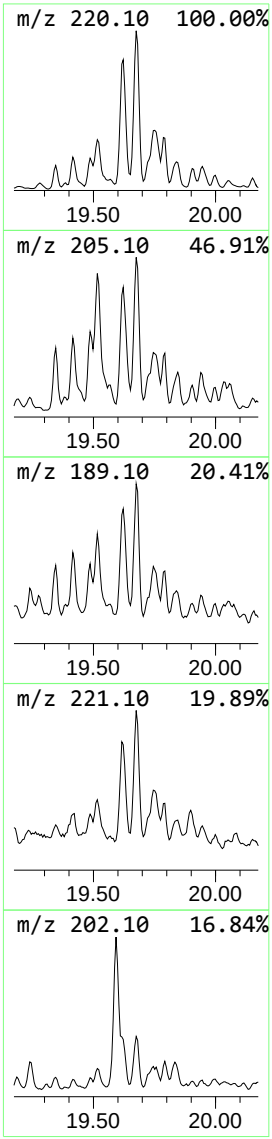
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.675	12.89 ng	4176250	Chrysene-d12	21.328

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	91
2	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	83
3	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	64
4	1-(Hydroxy-phenyl-methyl)-2-meth...	408	C27H36O3	108546-86-7	59
5	2-Benzofurancarboxylic acid, 6-m...	220	C12H12O4	1000349-99-8	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009287.D
Acq On : 07 Mar 2022 16:09
Operator : CG/JU
Sample : N1708-04
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.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
Benzene, 1-meth...	9.187	17.6	ng	2940590	1	7.822	3347220	20.0
Undecane, 2,6-d...	10.805	12.3	ng	6450800	2	10.616	10501300	20.0
Octane, 2,6-dim...	11.675	27.3	ng	14305400	2	10.616	10501300	20.0
Naphthalene, 1,...	12.175	11.0	ng	5792860	2	10.616	10501300	20.0
Dodecane, 2,6,1...	13.028	21.9	ng	14921000	3	14.463	13605600	20.0
Naphthalene, 1,...	13.410	12.2	ng	8309150	3	14.463	13605600	20.0
Naphthalene, 1,...	13.840	14.3	ng	9740570	3	14.463	13605600	20.0
Carbonic acid, ...	13.975	25.9	ng	17603700	3	14.463	13605600	20.0
Dodecane, 2,6,1...	15.010	12.6	ng	8584890	3	14.463	13605600	20.0
Naphthalene, 2,...	15.092	10.7	ng	7286960	3	14.463	13605600	20.0
Pentadecane, 2,...	15.751	29.5	ng	20042200	3	14.463	13605600	20.0
1,6-Dimethyl- 3...	16.204	22.6	ng	3153130	4	17.222	2797180	20.0
Hexadecane	16.240	224.2	ng	31351400	4	17.222	2797180	20.0
Chamazulene	16.334	26.5	ng	3700980	4	17.222	2797180	20.0
1H,2H,3H-Cyclop...	16.581	33.0	ng	4617070	4	17.222	2797180	20.0
Hexadecane, 2,6...	17.063	180.8	ng	25289800	4	17.222	2797180	20.0
2-Bromotetradecane	17.675	38.1	ng	5328430	4	17.222	2797180	20.0
Phenanthrene, 3...	18.869	26.4	ng	3687980	4	17.222	2797180	20.0
di-p-Tolylacety...	18.986	29.8	ng	4160850	4	17.222	2797180	20.0
Phenanthrene, 2...	19.675	12.9	ng	4176250	5	21.328	6478570	20.0