LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025374.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.414	415	421	430	rVB	847851	1434229	6.11%	0.236%
2	6.972	680	686	694	rVV2	1527988	2882823	12.28%	0.475%
3	7.308	740	743	752	rVV3	641803	1634445	6.96%	0.269%
4	7.796	820	826	832	rVB2	1470754	2882277	12.28%	0.475%
5	8.002	856	861	865	rVV2	1043798	1805881	7.69%	0.298%
6	8.096	869	877	884	rVV4	1579317	4361836	18.59%	0.719%
7	8.296	907	911	917	rVV2	933323	2032977	8.66%	0.335%
8	8.366	919	923	930	rVB2	1053494	1881924	8.02%	0.310%
9	8.443	931	936	940	rBV	1197923	1733645	7.39%	0.286%
10	8.637	965	969	973	rBV	1011972	1470868	6.27%	0.243%
11	8.908	1005	1015	1024	rBV4	4363996	11878198	50.61%	1.958%
12	8.996	1024	1030	1039	rVB4	1628086	4638939	19.77%	0.765%
13	9.143	1046	1055	1064	rBV8	1712452	6545173	27.89%	1.079%
14	9.243	1064	1072	1073	rBV4	743168	1537136	6.55%	0.253%
15	9.425	1098	1103	1109	rVB	1703637	2976570	12.68%	0.491%
16	9.519	1113	1119	1124	rVB5	1630239	2957397	12.60%	0.488%
17	9.678	1138	1146	1150	rBV2	1909641	3679911	15.68%	0.607%
18	9.719	1150	1153	1158	rVB2	1820221	2673153	11.39%	0.441%
19	9.778	1158	1163	1170	rBV4	3031115	5833998	24.86%	0.962%
20	9.837	1170	1173	1177	rVV	1271246	2012333	8.57%	0.332%
21	9.990	1194	1199	1204	rBV3	3692296	6385577	27.21%	1.053%
22	10.184	1225	1232	1243	rBV7	1460090	4192605	17.86%	0.691%
23	10.296	1245	1251	1254	rBV	2191672	3627722	15.46%	0.598%
24	10.372	1260	1264	1269	rVB3	1000023	1682535	7.17%	0.277%
25	10.460	1274	1279	1282	rVV3	1165803	2054203	8.75%	0.339%
26	10.502	1282	1286	1290	rVV2	1838467	3717213	15.84%	0.613%
27	10.566	1290	1297	1304	rVV3	4613847	13054991	55.63%	2.152%
28	10.631	1305	1308	1312	rVV3	2847728	5250042	22.37%	0.866%
29	10.702	1316	1320	1326	rVV2	3043764	6611920	28.17%	1.090%
30	10.755	1326	1329	1334	rVV3	1308258	2488847	10.61%	0.410%
31	10.808	1334	1338	1348	rVV3	1824470	4468978	19.04%	0.737%
32	10.890	1349	1352	1356	rVB2	1107050	1564811	6.67%	0.258%
33	11.055	1376	1380	1383	rVV	1570589	2086856	8.89%	0.344%
34	11.090	1383	1386	1393	rVB4	1900781	2977292	12.69%	0.491%
35	11.166	1393	1399	1403	rBV3	1504027	2992905	12.75%	0.493%
36	11.249	1410	1413	1414	rBV	1715189	1720474	7.33%	0.284%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.366	1427	1433	1438	rBV2	1711438	3541720	15.09%	0.584%
38	11.425	1440	1443	1449	rVV5	798369	1873920	7.98%	0.309%
39	11.502	1450	1456	1465	rVB2	2606557	6096047	25.98%	1.005%
40	11.631	1472	1478	1482	rBV	8501787	14459536	61.61%	2.384%
41	11.696	1486	1489	1495	rVB3	2451139	4601016	19.61%	0.759%
42	11.784	1498	1504	1512	rVB3	5424012	11017923	46.95%	1.817%
43	11.890	1518	1522	1525	rBV2	1790001	2809636	11.97%	0.463%
44	12.219	1575	1578	1587	rVB5	3005162	7131576	30.39%	1.176%
45	12.337	1594	1598	1603	rBV4	1292845	2283969	9.73%	0.377%
46	12.507	1622	1627	1631	rBV3	5430569	8486027	36.16%	1.399%
47	12.554	1632	1635	1638	rVB4	1388928	1797280	7.66%	0.296%
48	12.713	1659	1662	1667	rVB4	2591290	3844555	16.38%	0.634%
49	12.854	1683	1686	1688	rBV2	1039472	1394982	5.94%	0.230%
50	12.984	1703	1708	1712	rVB3	9721110	14931274	63.62%	2.462%
51	13.249	1751	1753	1758	rVB4	2447621	3477644	14.82%	0.573%
52	13.366	1769	1773	1779	rVB3	3742112	7026943	29.94%	1.159%
53	13.431	1780	1784	1786	rBV3	1974646	2941777	12.54%	0.485%
54	13.601	1807	1813	1820	rBV2	8318362	23431889	99.84%	3.863%
55	13.760	1829	1840	1844	rBV2	10219403	23468331	100.00%	3.869%
56	13.807	1844	1848	1853	rVB2	4939803	7551908	32.18%	1.245%
57	13.866	1854	1858	1861	rBV3	2402210	3717440	15.84%	0.613%
58	13.943	1865	1871	1875	rBV2	8237909	15470395	65.92%	2.551%
59	13.996	1877	1880	1883	rBV2	3940334	5059880	21.56%	0.834%
60	14.284	1926	1929	1936	rVB3	2949665	4872221	20.76%	0.803%
61	14.425	1949	1953	1959	rBV5	3272340	6229698	26.55%	1.027%
62	14.660	1987	1993	2002	rVB	4742265	13749599	58.59%	2.267%
63	14.737	2003	2006	2009	rBV2	2039131	2328939	9.92%	0.384%
64	14.843	2018	2024	2032	rVB2	5988032	15646804	66.67%	2.580%
65	14.931	2035	2039	2044	rVB	6290321	9188044	39.15%	1.515%
66	14.990	2045	2049	2057	rVB5	4429955	8355876	35.60%	1.378%
67	15.078	2058	2064	2068	rBV2	4914593	10834946	46.17%	1.786%
68	15.119	2068	2071	2076	rVB	5685565	8756968	37.31%	1.444%
69	15.284	2096	2099	2104	rVB4	3165149	5247979	22.36%	0.865%
70	15.501	2132	2136	2140	rVB2	4476793	6263154	26.69%	1.033%
71	15.554	2140	2145	2149	rBV3	3243487	6440122	27.44%	1.062%
72	15.631	2155	2158	2162	rVB2	3658497	5086054	21.67%	0.839%
73	15.743	2171	2177	2182	rBV2	9553411	17598364	74.99%	2.901%
74	16.037	2224	2227	2231	rBV3	2084729	2489135	10.61%	0.410%
75	16.125	2239	2242	2244	rBV	1880369	2268623	9.67%	0.374%
76	16.195	2251	2254	2255	rBV	3142129	3180863	13.55%	0.524%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

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-BP080525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.231	2255	2260	2265	rVB	12125007	21707044	92.50%	3.579%
78	16.337	2274	2278	2282	rVB	2535802	3632145	15.48%	0.599%
79	16.584	2317	2320	2324	rBV3	2832485	3813383	16.25%	0.629%
80	17.078	2399	2404	2411	rVB	10118765	19436303	82.82%	3.204%
81	17.284	2435	2439	2446	rVB	7812271	11497413	48.99%	1.896%
82	18.142	2582	2585	2589	rBV	3129892	4570846	19.48%	0.754%
83	18.195	2590	2594	2600	rVB	4745144	8114349	34.58%	1.338%
84	18.342	2616	2619	2624	rVB3	3398297	4581094	19.52%	0.755%
85	18.660	2671	2673	2677	rBV2	1258862	1462613	6.23%	0.241%
86	18.925	2715	2718	2723	rVB	3417667	4517306	19.25%	0.745%
87	18.978	2723	2727	2731	rBV2	3279900	4835351	20.60%	0.797%
88	19.101	2744	2748	2753	rVB2	3070200	5360894	22.84%	0.884%
89	19.378	2790	2795	2799	rBV	6759028	9104639	38.80%	1.501%
90	19.425	2799	2803	2809	rBV	6718152	9606052	40.93%	1.584%
91	19.748	2853	2858	2866	rVB2	6406145	11490027	48.96%	1.894%
92	19.954	2890	2893	2896	rVB	2997197	3465607	14.77%	0.571%
93	20.178	2926	2931	2935	rBV	6377946	8326384	35.48%	1.373%
94	21.607	3169	3174	3178	rBV	8007605	12285773	52.35%	2.026%
95	21.654	3178	3182	3190	rVV3	2837609	6940349	29.57%	1.144%
96	21.725	3191	3194	3205	rVB	2053719	3200611	13.64%	0.528%
97	24.007	3576	3582	3589	rBV	1134430	3560040	15.17%	0.587%
98	24.771	3708	3712	3722	rVB	1088497	2361136	10.06%	0.389%
99	24.919	3730	3737	3747	rVB	1452069	3568562	15.21%	0.588%
100	25.071	3758	3763	3771	rVB2	1060074	2420120	10.31%	0.399%

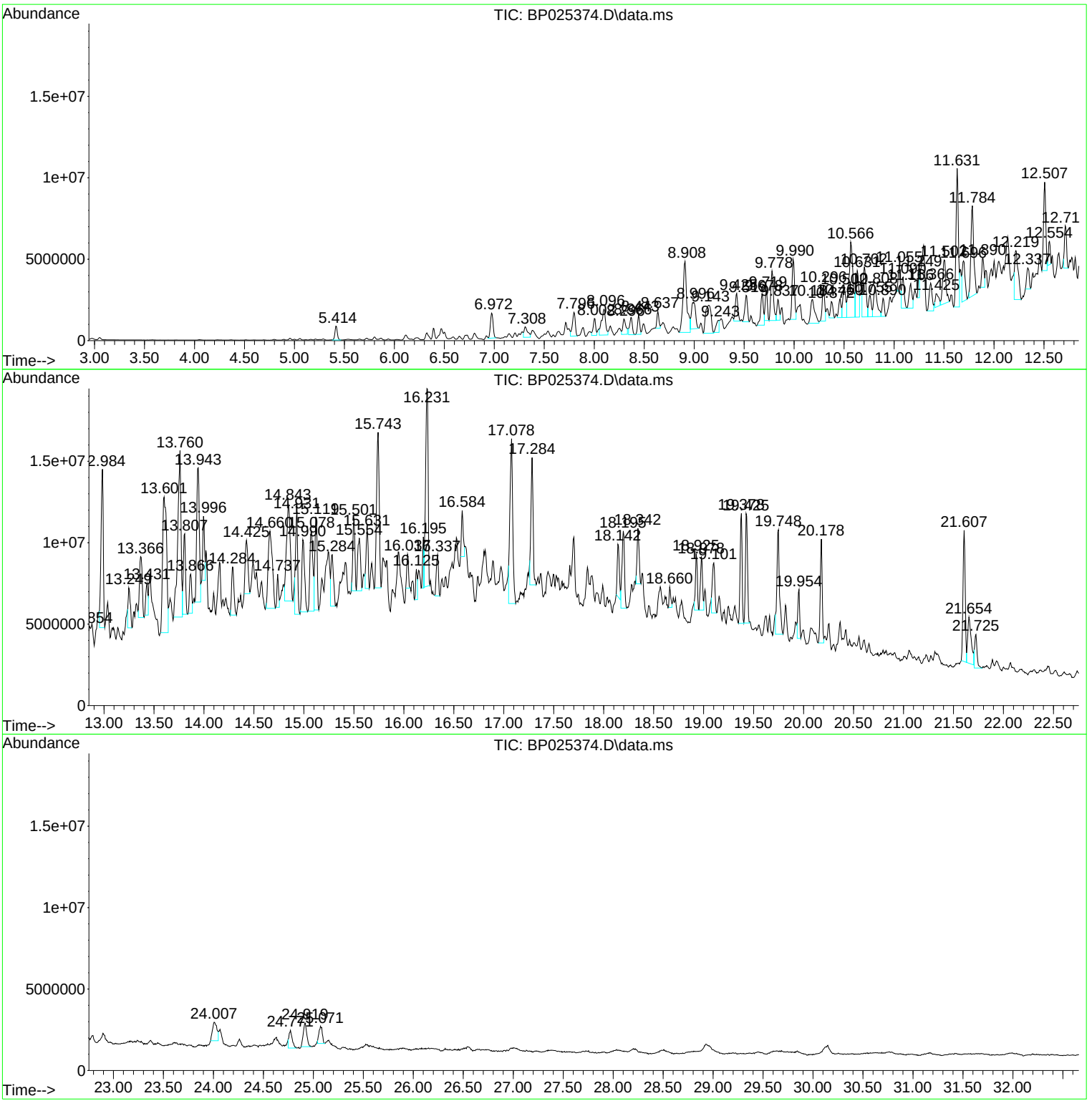
Sum of corrected areas: 606541782

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

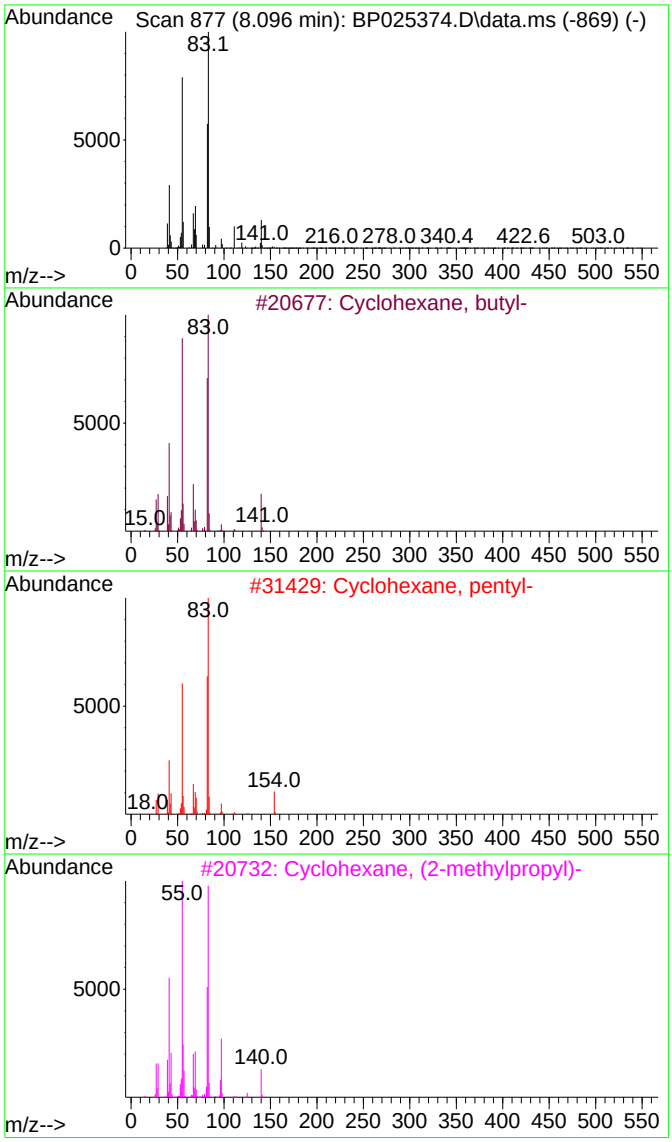
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

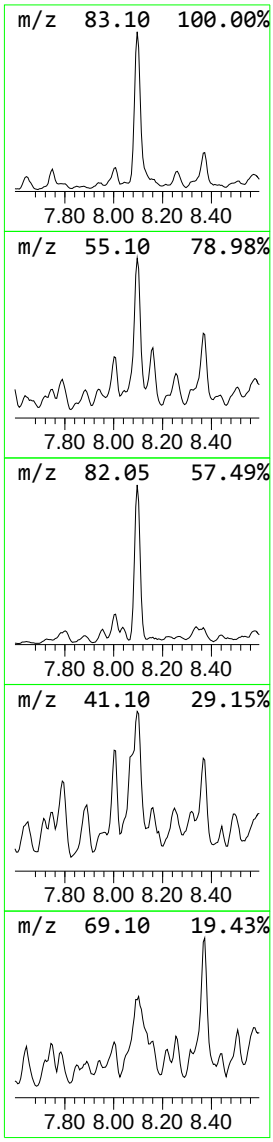
****

Peak Number 1 Cyclohexane, butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.096	30.27 ng	4361840	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, octyl-	196	C14H28	001795-15-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

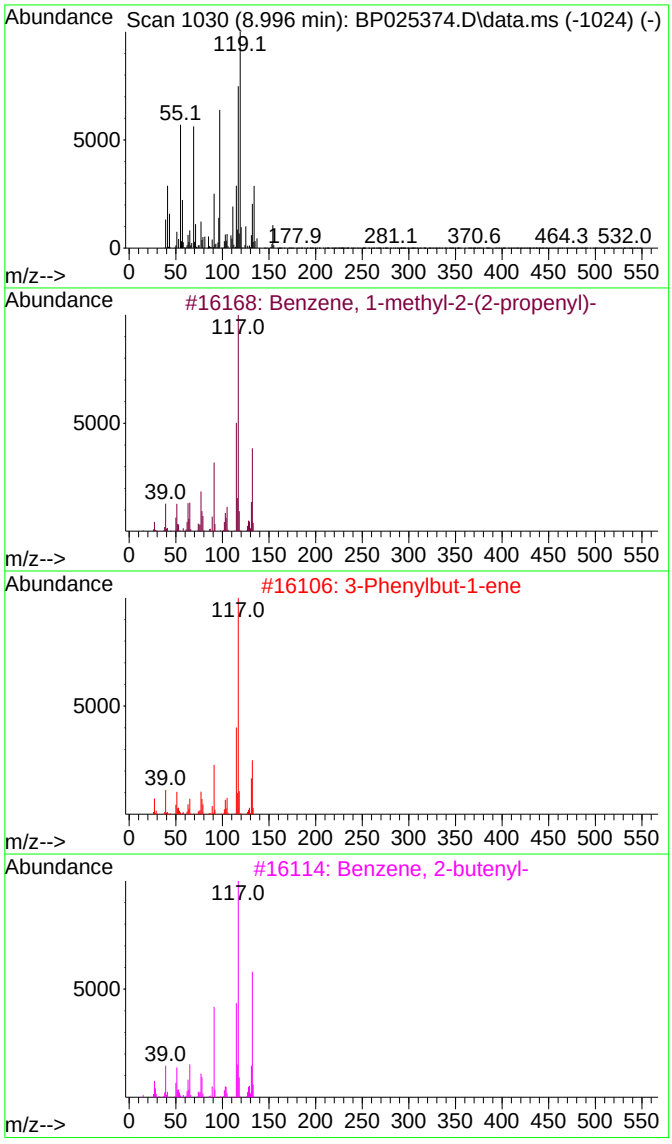
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

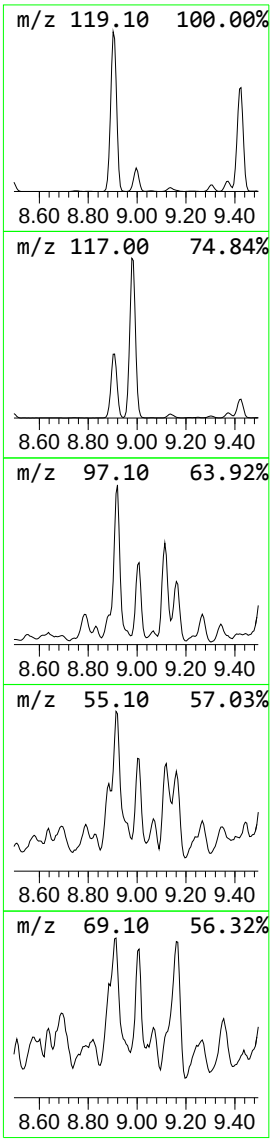
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 1-methyl-2-(2-prop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.996	32.19 ng	4638940	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	52
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	51
3	Benzene, 2-butenyl-	132	C10H12	001560-06-1	51
4	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	47
5	p-Cymene	134	C10H14	000099-87-6	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

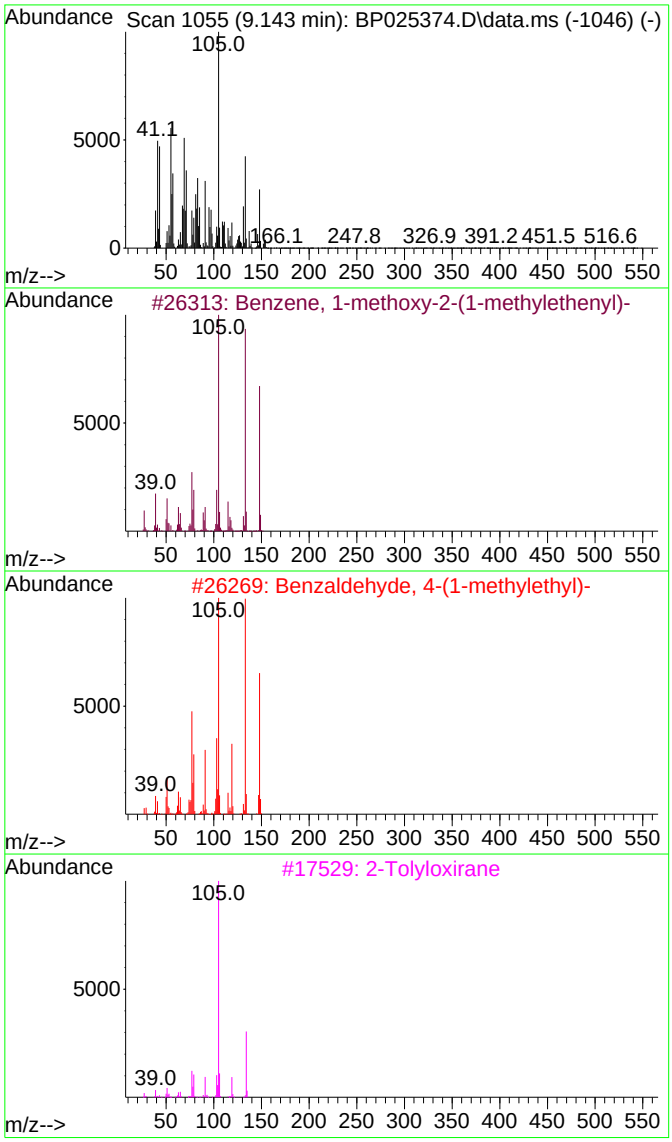
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

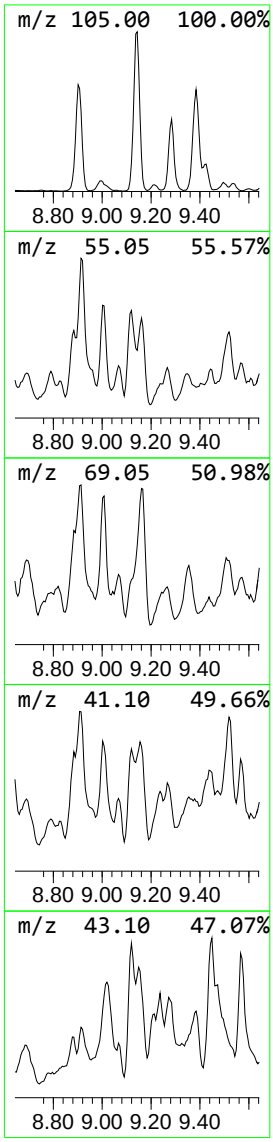
****

Peak Number 3 unknown9.143 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.143	45.42 ng	6545170	1,4-Dichlorobenzene-d4	7.802

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-2-(1-methylet...	148	C10H12O	010278-02-1	46
2	Benzaldehyde, 4-(1-methylethyl)-	148	C10H12O	000122-03-2	45
3	2-Tolyloxirane	134	C9H10O	002783-26-8	25
4	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	25
5	2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

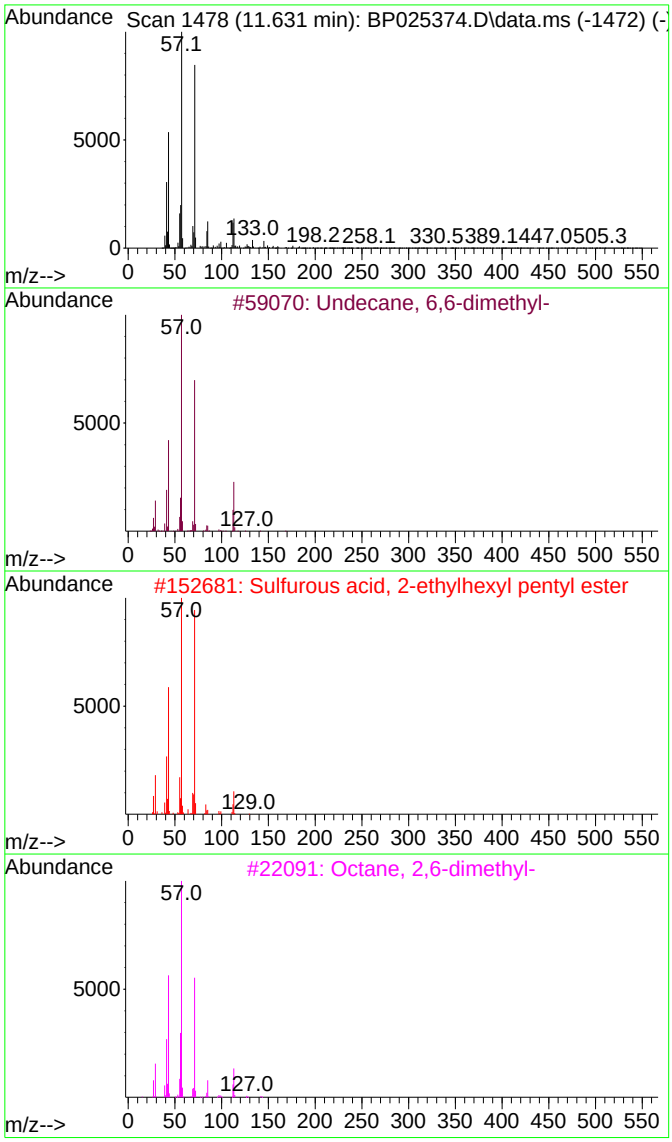
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

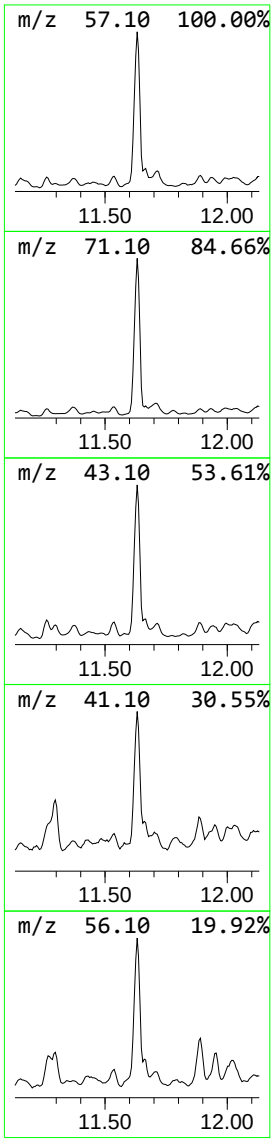
****

Peak Number 4 Undecane, 6,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.631	22.15 ng	14459500	Naphthalene-d8	10.584

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72
2	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	64
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	59
5	Sulfurous acid, octyl 2-propyl e...	236	C11H24O3S	1000309-11-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

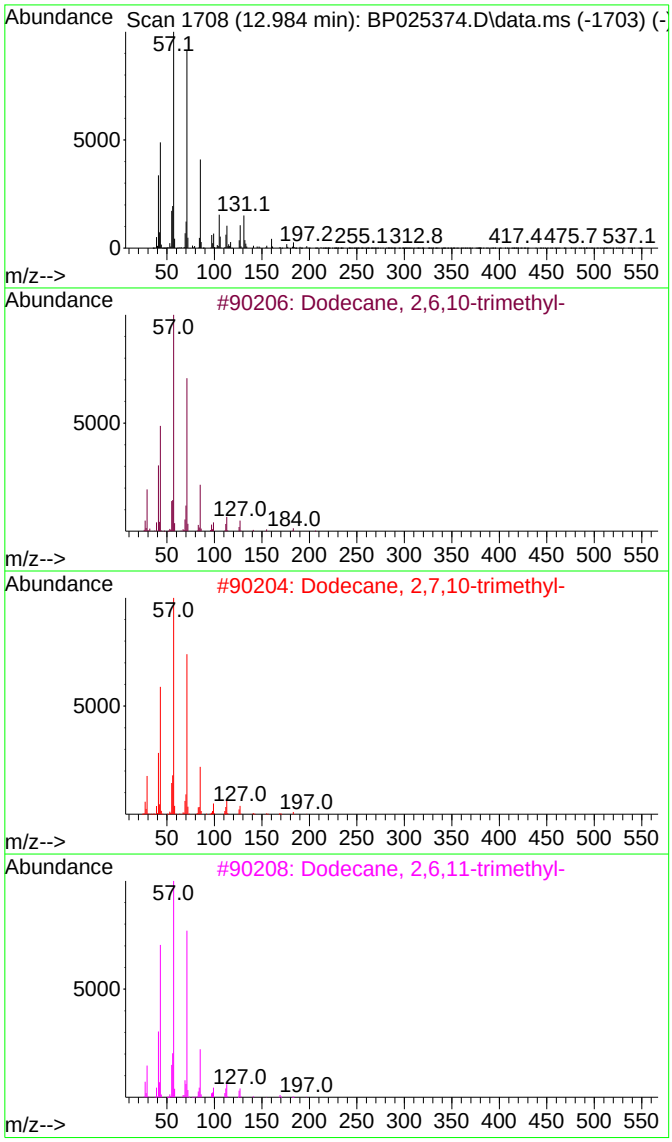
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

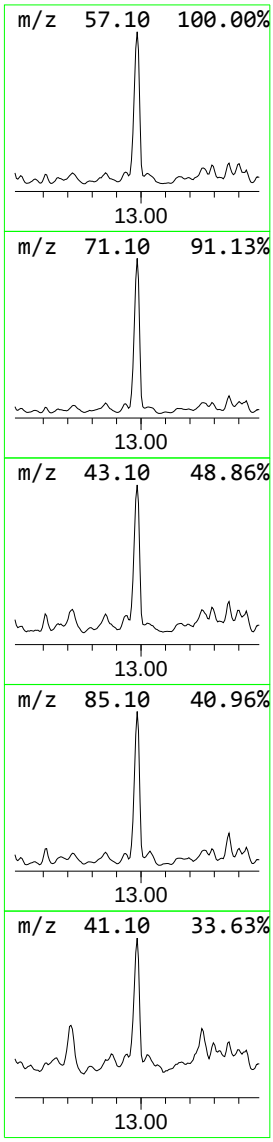
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.984	47.94 ng	14931300	Acenaphthene-d10	14.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59
4	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	58
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

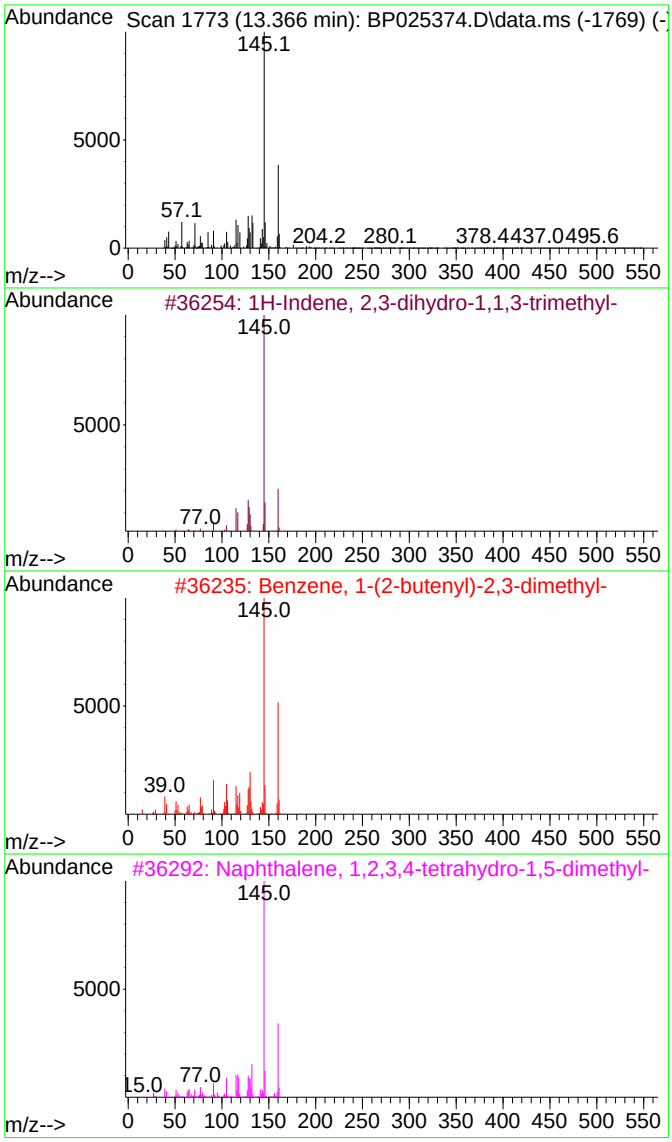
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

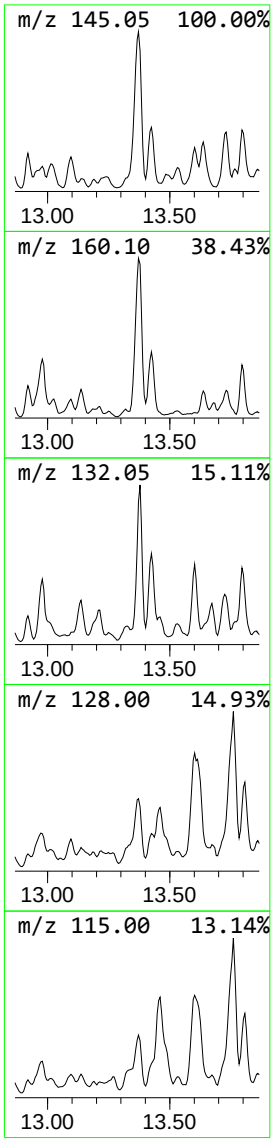
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.366	22.56 ng	7026940	Acenaphthene-d10	14.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	94
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	90
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	90
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

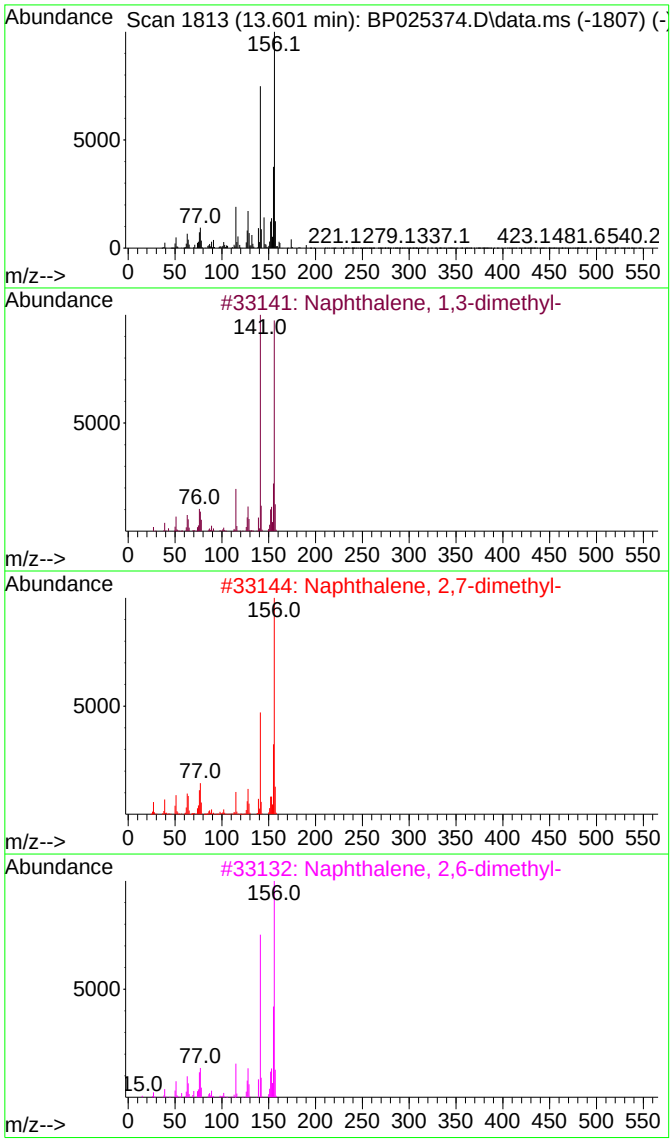
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

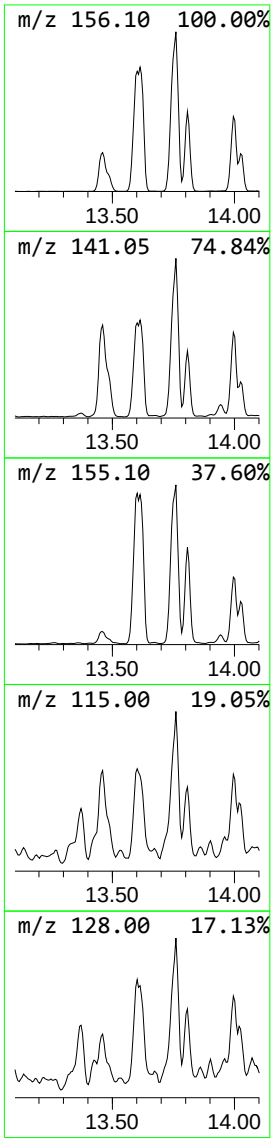
****

Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.602	75.23 ng	23431900	Acenaphthene-d10	14.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

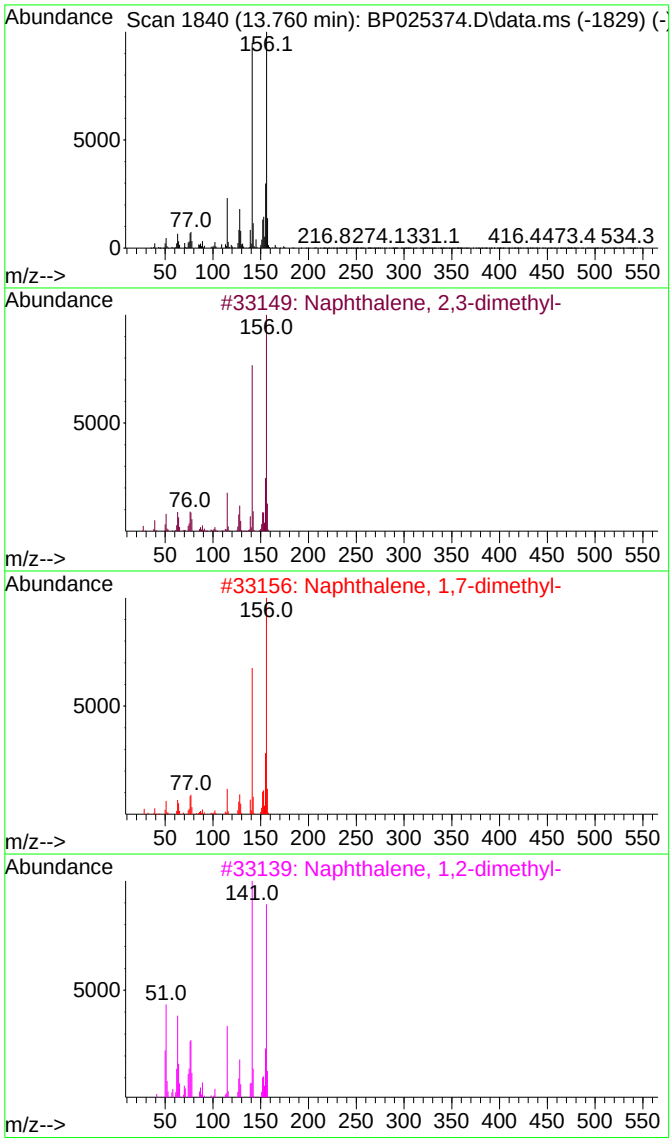
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

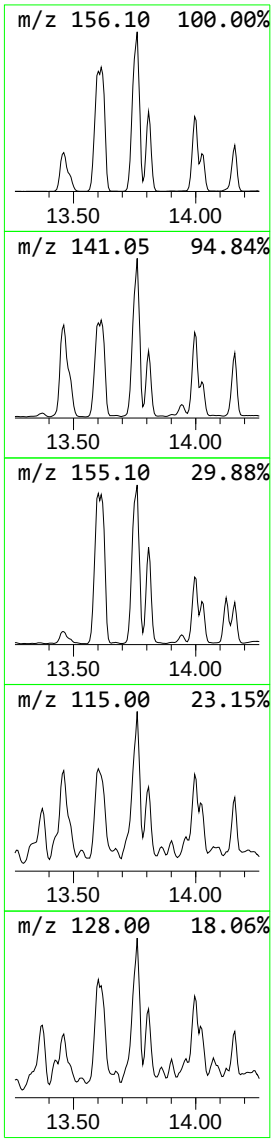
****

Peak Number 8 Naphthalene, 2,3-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.760	75.34 ng	23468300	Acenaphthene-d10	14.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

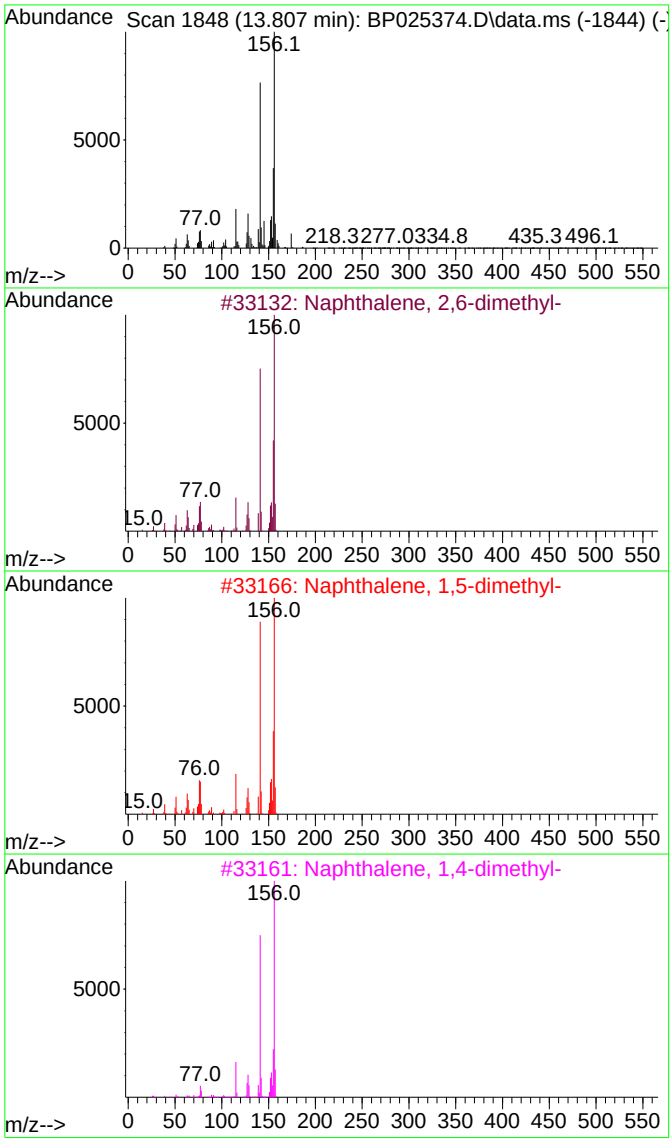
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

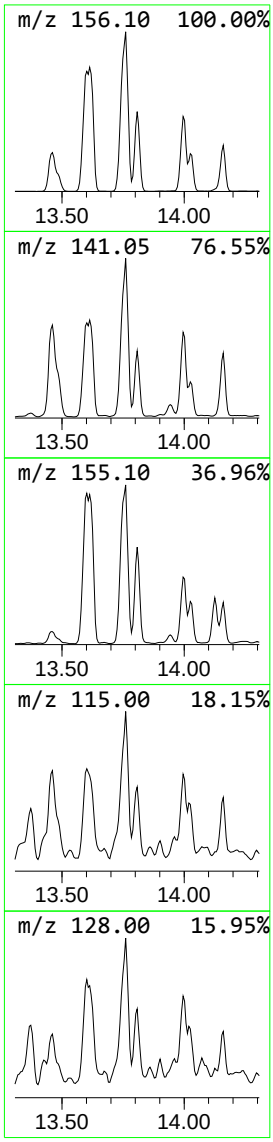
****

Peak Number 9 Naphthalene, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.807	24.24 ng	7551910	Acenaphthene-d10	14.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

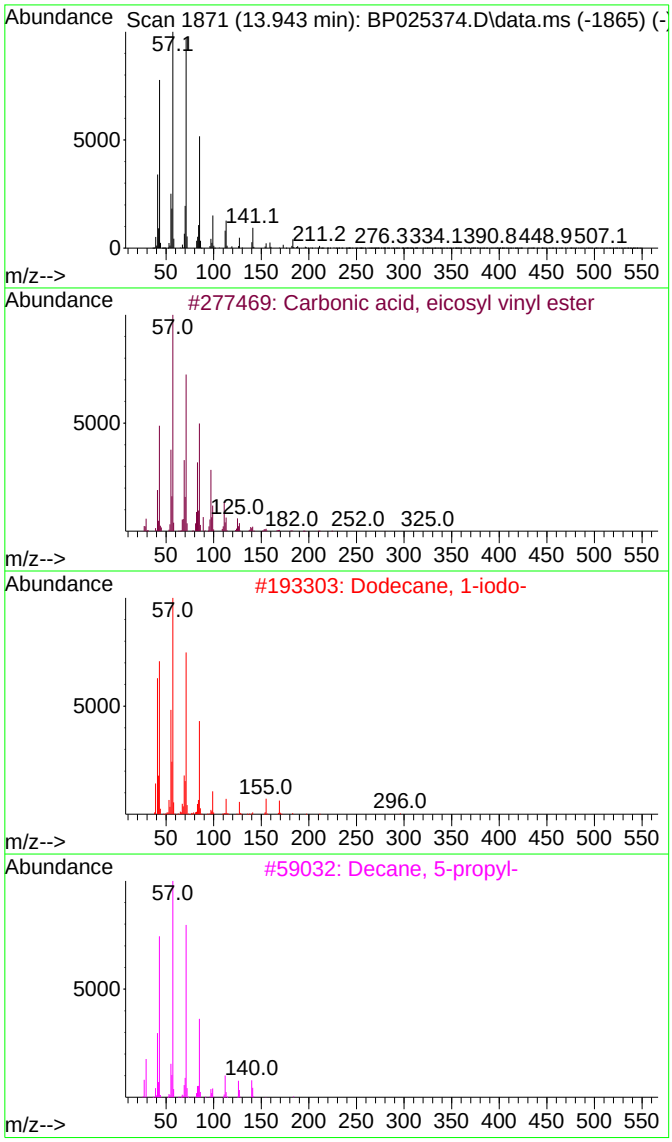
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

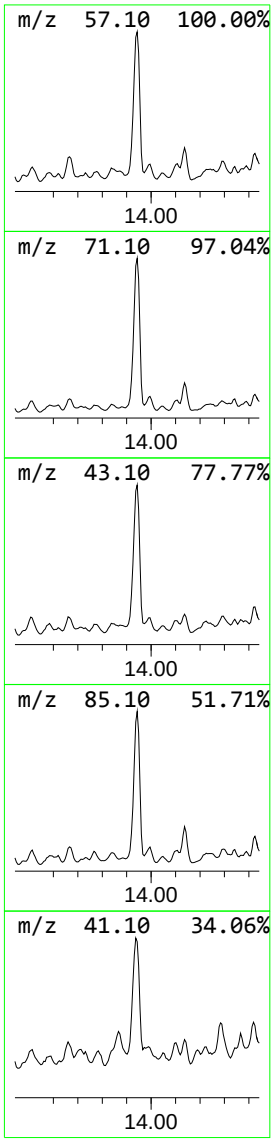
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Carbonic acid, eicosyl viny... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.943	49.67 ng	15470400	Acenaphthene-d10	14.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3	Decane, 5-propyl-	184	C13H28	017312-62-8	81
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	74
5	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

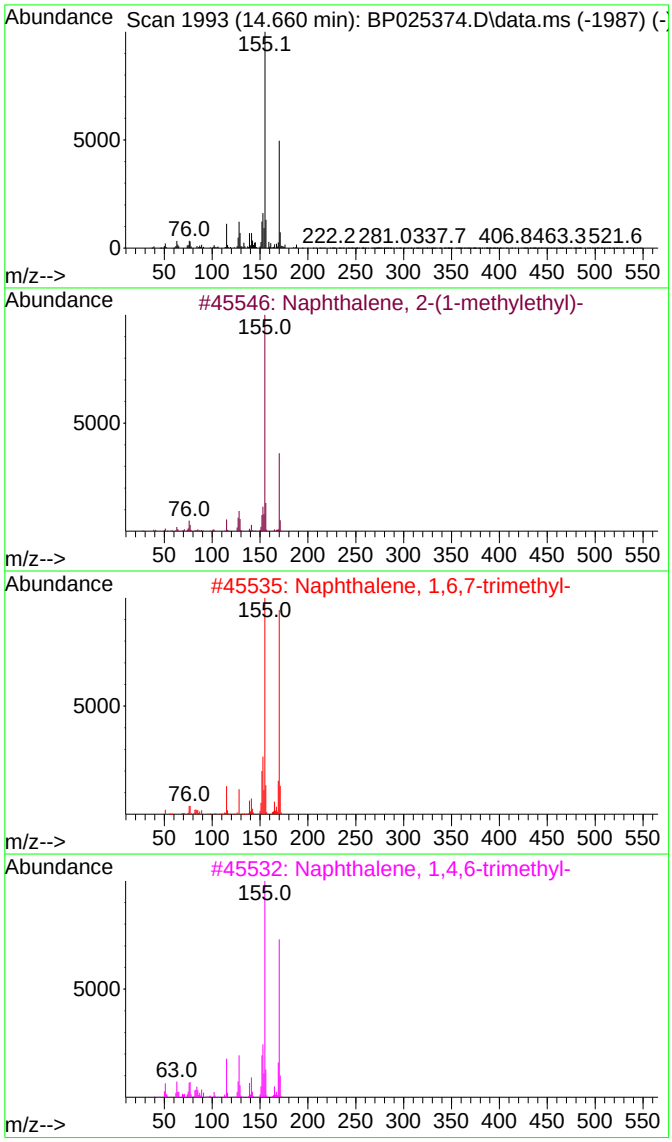
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

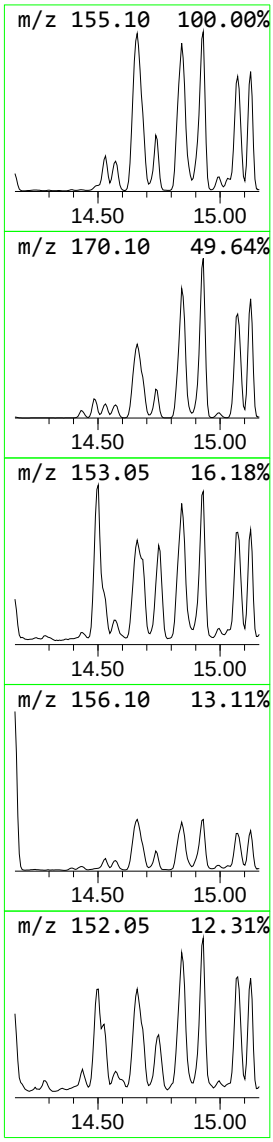
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2-(1-methyleth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.660	44.14 ng	13749600	Acenaphthene-d10	14.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	89
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
4	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	87
5	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

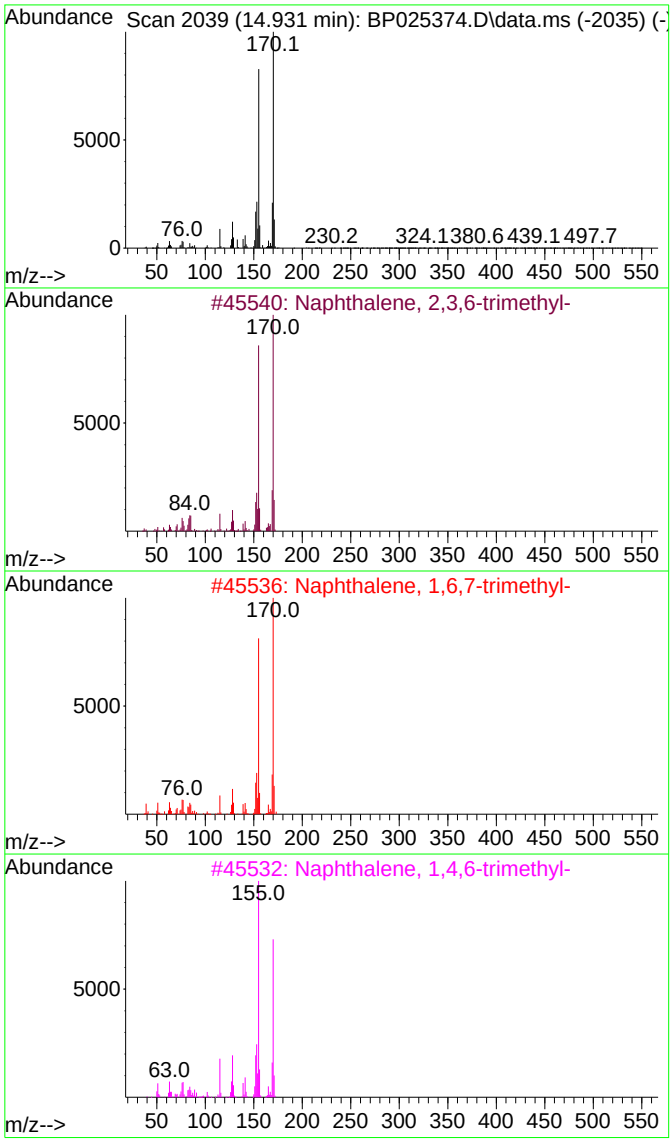
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

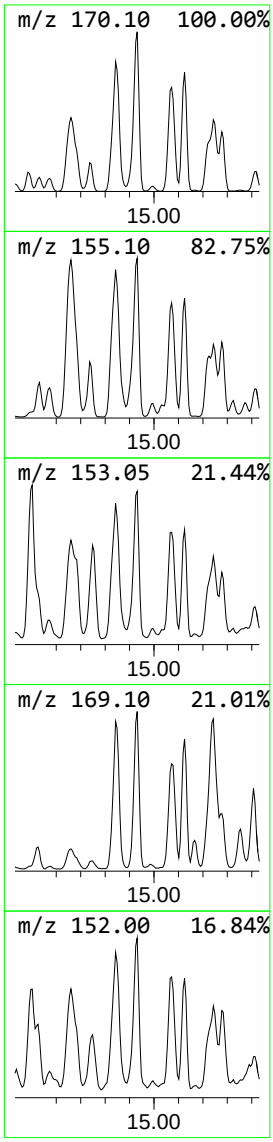
****

Peak Number 12 Naphthalene, 2,3,6-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.931	29.50 ng	9188040	Acenaphthene-d10	14.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

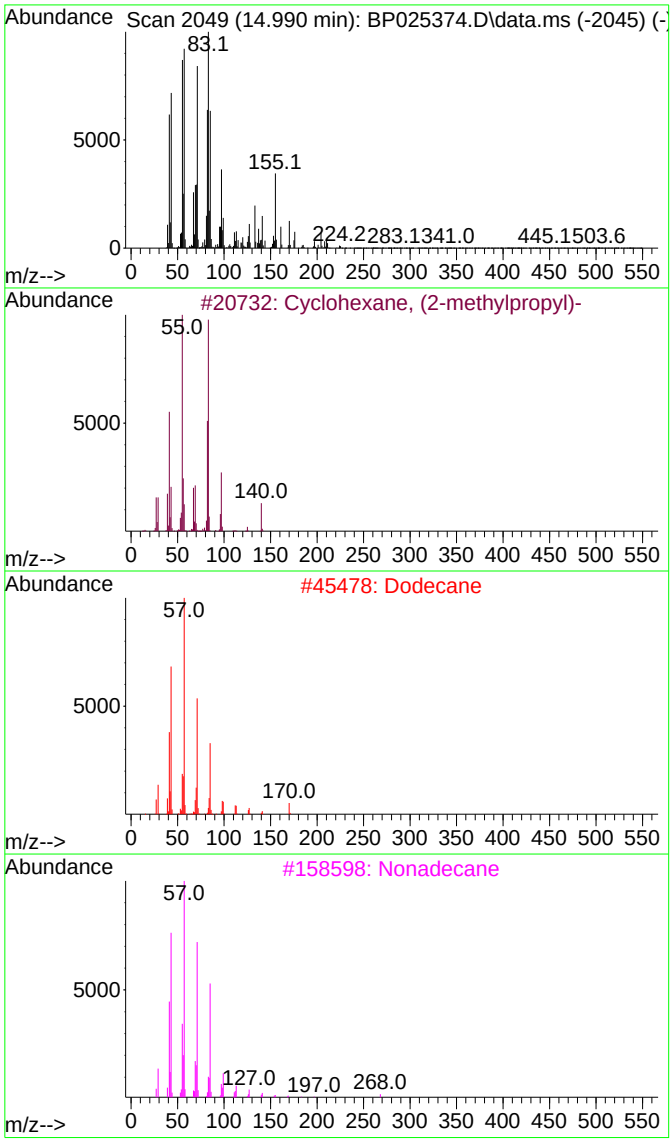
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

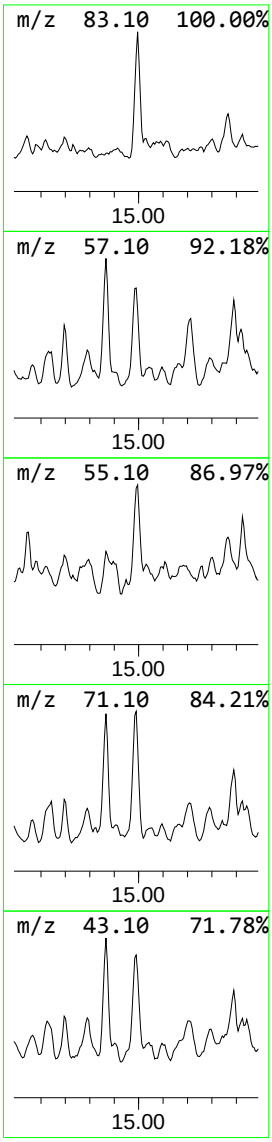
****

Peak Number 13 unknown14.990 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.990	26.83 ng	8355880	Acenaphthene-d10	14.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	30
2	Dodecane	170	C12H26	000112-40-3	30
3	Nonadecane	268	C19H40	000629-92-5	30
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	27
5	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

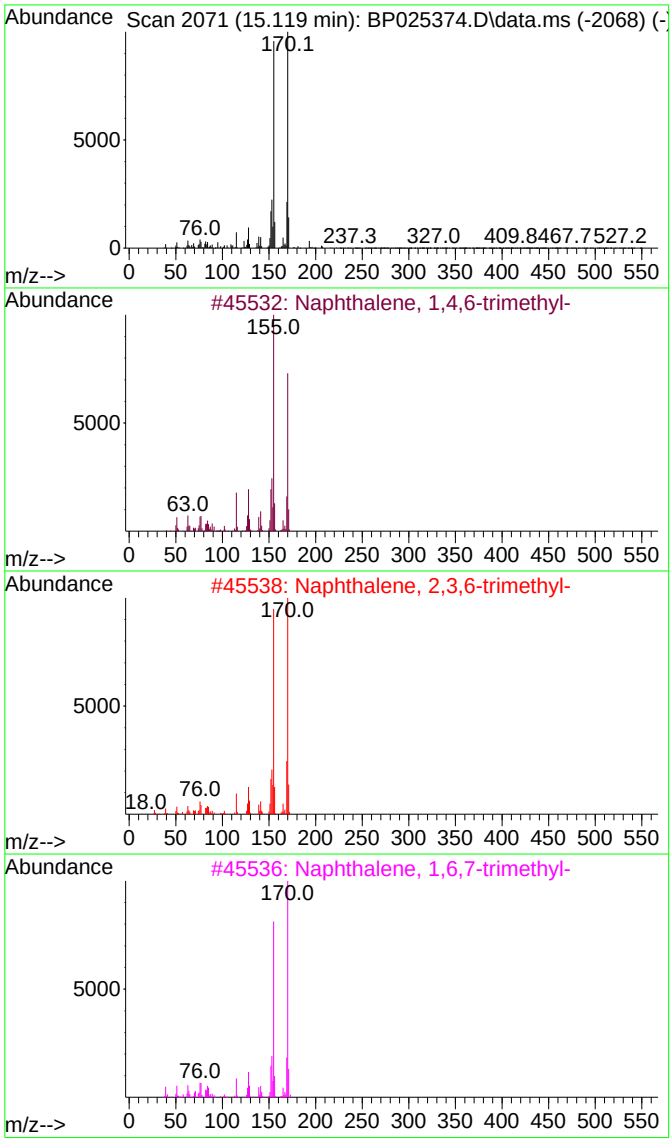
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

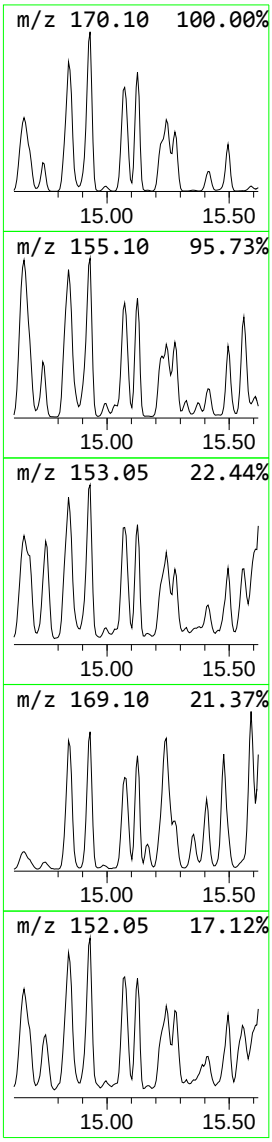
****

Peak Number 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.119	28.11 ng	8756970	Acenaphthene-d10	14.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	90
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

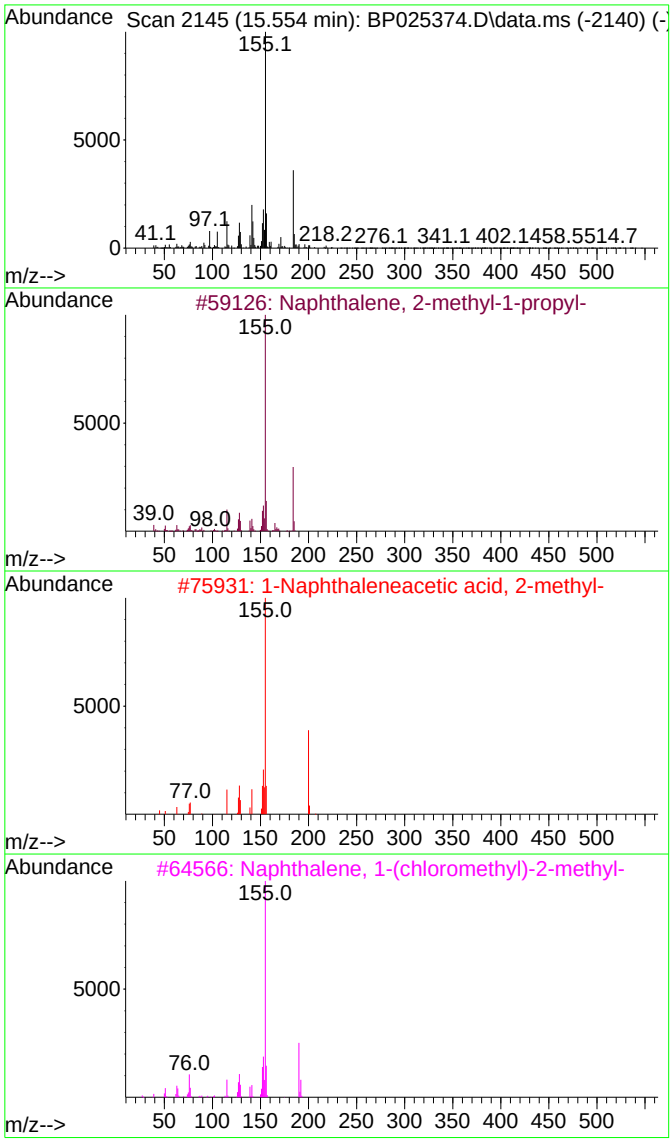
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

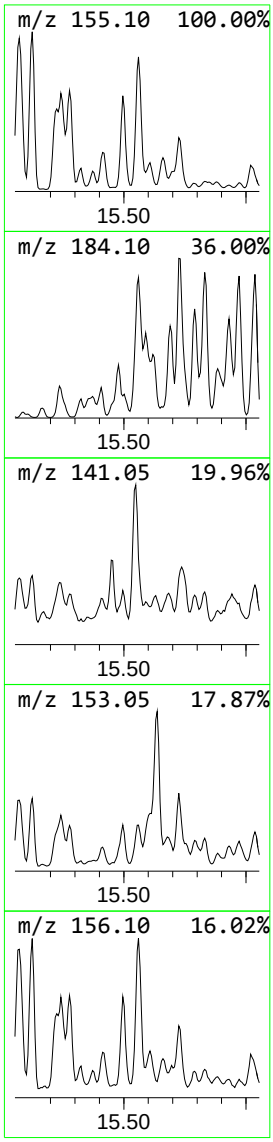
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 2-methyl-1-pro... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.554	20.68 ng	6440120	Acenaphthene-d10	14.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	94
2	1-Naphthaleneacetic acid, 2-methyl-	200	C13H12O2	000085-08-5	70
3	Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	70
4	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	53
5	Pyridine, 4-phenyl-	155	C11H9N	000939-23-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

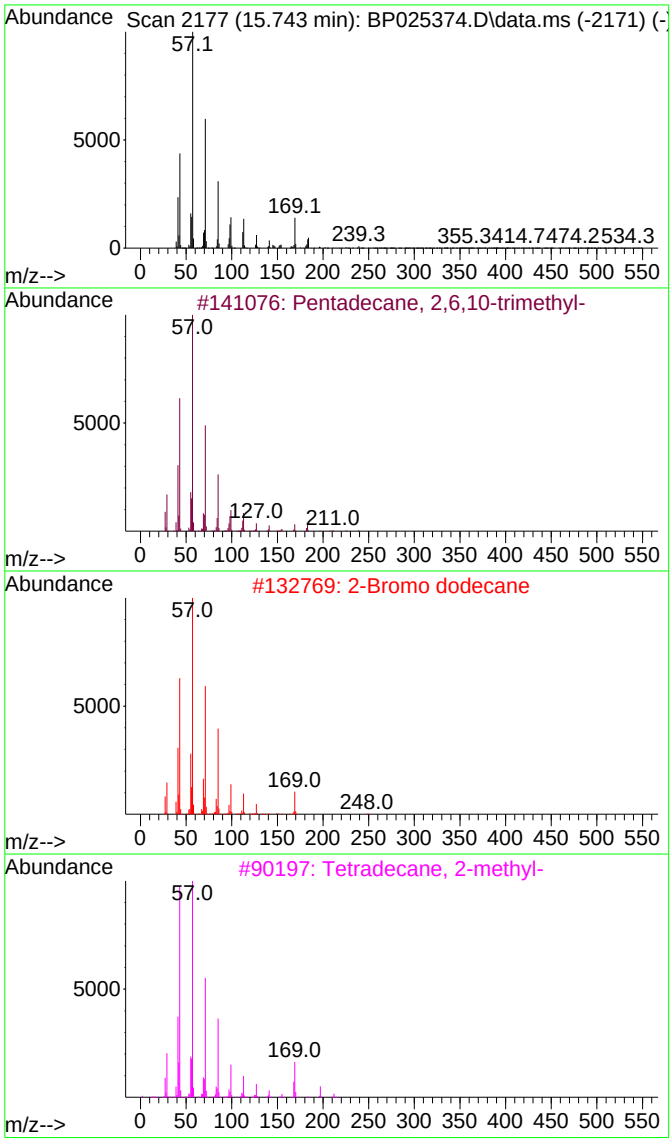
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

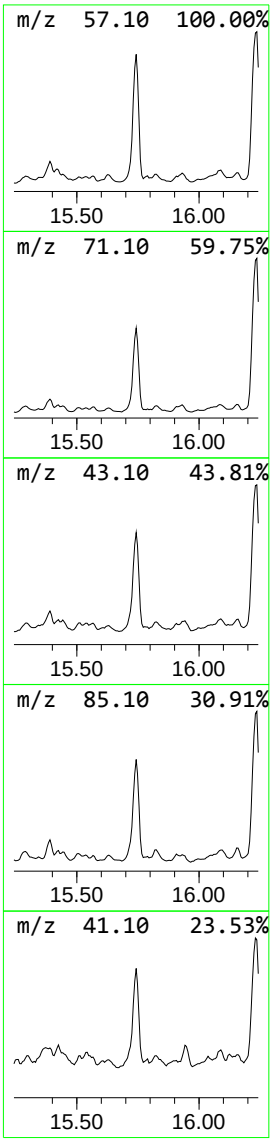
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Pentadecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.743	56.50 ng	17598400	Acenaphthene-d10	14.431

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	91
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	83
3	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	80
4	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	76
5	Tridecane	184	C13H28	000629-50-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

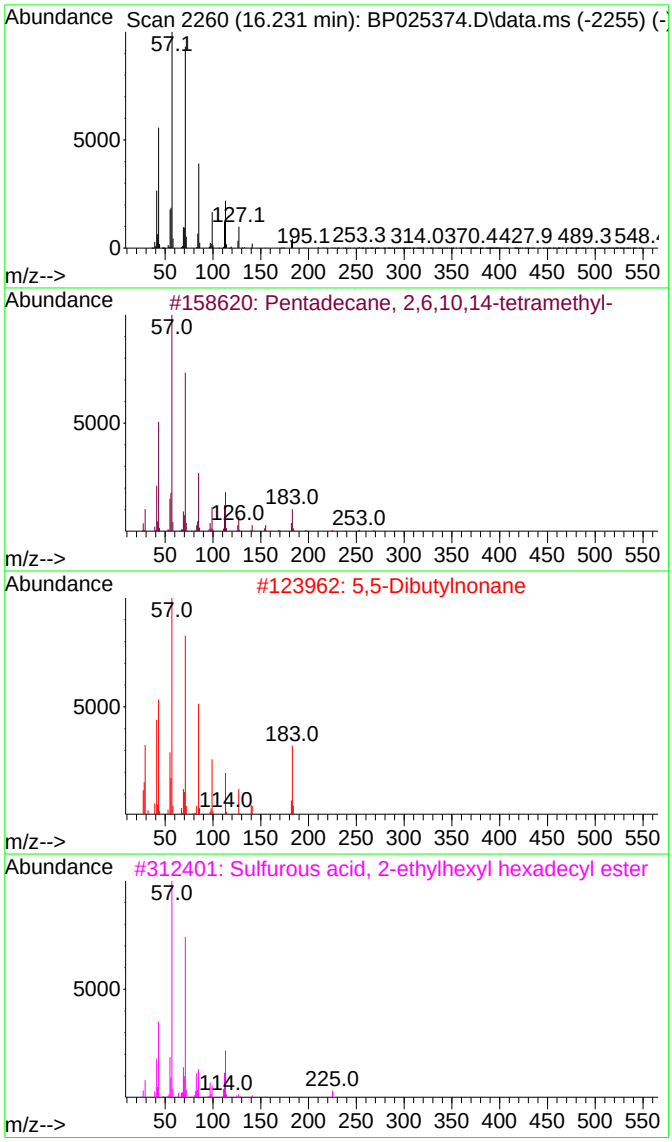
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

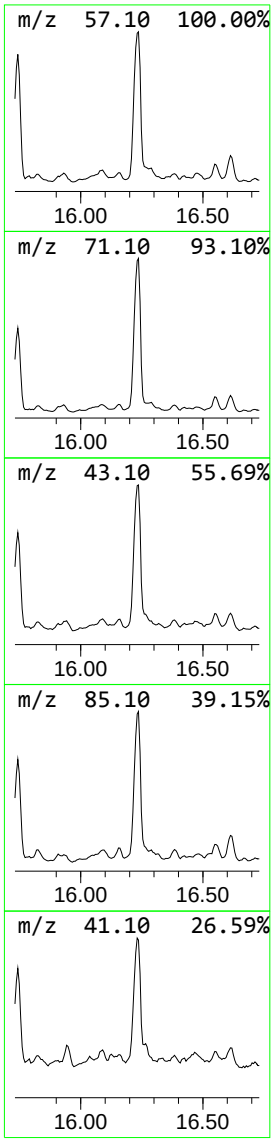
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Pentadecane, 2,6,10,14-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.231	37.76 ng	21707000	Phenanthrene-d10	17.237

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	5,5-Dibutylnonane	240	C17H36	006008-17-9	80
3	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	64
4	Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	59
5	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

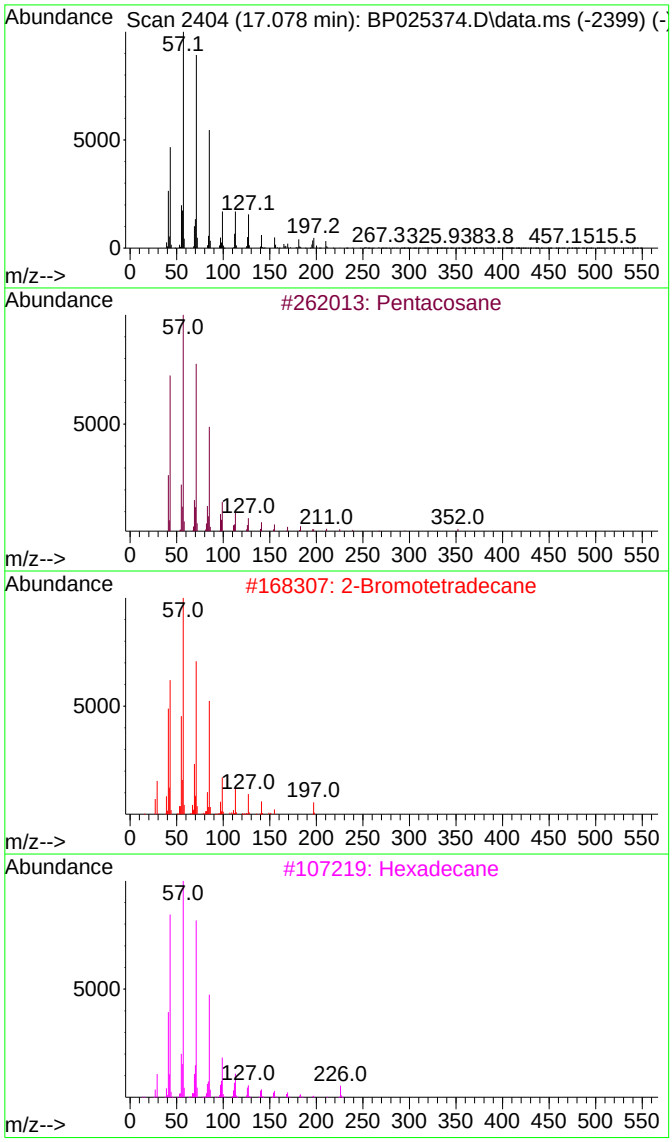
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

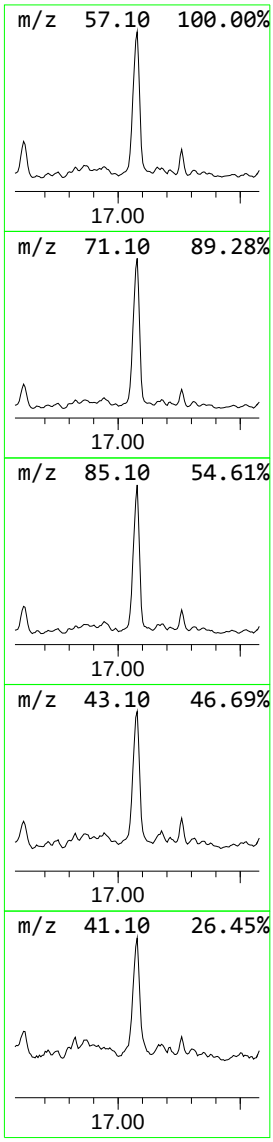
****

Peak Number 19 Pentacosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.078	33.81 ng	19436300	Phenanthrene-d10	17.237

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	86
2	2-Bromotetradecane	276	C14H29Br	074036-95-6	86
3	Hexadecane	226	C16H34	000544-76-3	83
4	Octadecane	254	C18H38	000593-45-3	78
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

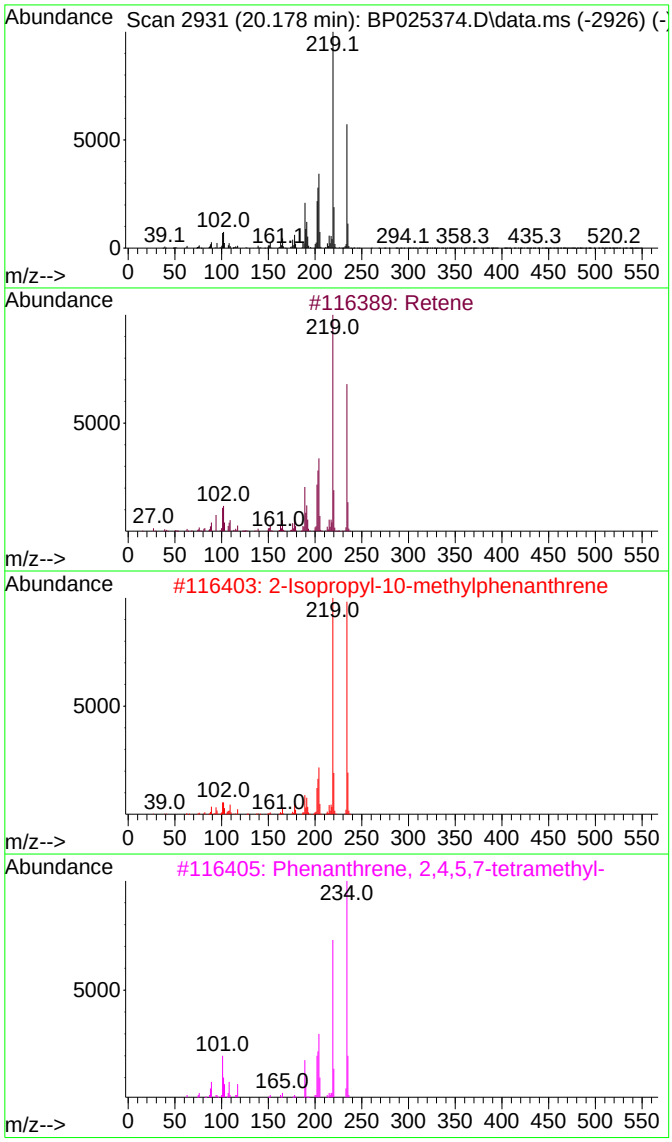
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

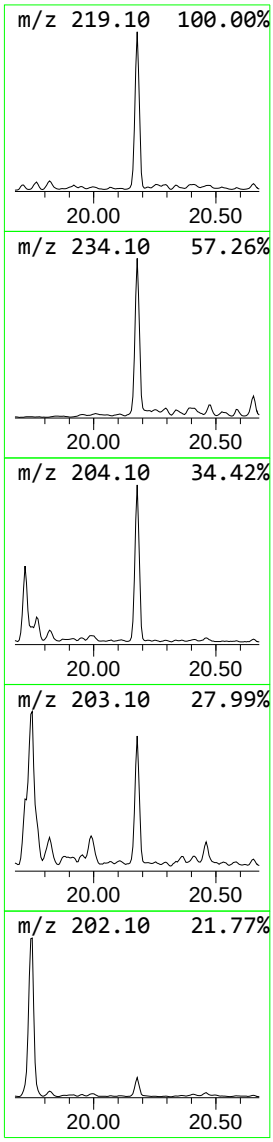
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Retene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.178	23.99 ng	8326380	Chrysene-d12	21.672

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Retene	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Phenanthrene, 2,4,5,7-tetramethyl-	234	C18H18	007396-38-5	68
4	4-(1H-Inden-1-ylidenemethyl)phen...	219	C16H13N	000487-61-6	55
5	Ethanone, 1-(4,6-dihydroxy-2,3,5...	234	C13H14O4	021987-07-5	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081225\
Data File : BP025374.D
Acq On : 12 Aug 2025 20:05
Operator : CG/JU
Sample : Q2827-05 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.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
Cyclohexane, bu...	8.096	30.3	ng	4361840	1	7.802	2882280	20.0
Benzene, 1-meth...	8.996	32.2	ng	4638940	1	7.802	2882280	20.0
unknown9.143	9.143	45.4	ng	6545170	1	7.802	2882280	20.0
Undecane, 6,6-d...	11.631	22.1	ng	14459500	2	10.584	13055000	20.0
Dodecane, 2,6,1...	12.984	47.9	ng	14931300	3	14.431	6229700	20.0
1H-Indene, 2,3-...	13.366	22.6	ng	7026940	3	14.431	6229700	20.0
Naphthalene, 1,...	13.602	75.2	ng	23431900	3	14.431	6229700	20.0
Naphthalene, 2,...	13.760	75.3	ng	23468300	3	14.431	6229700	20.0
Naphthalene, 2,...	13.807	24.2	ng	7551910	3	14.431	6229700	20.0
Carbonic acid, ...	13.943	49.7	ng	15470400	3	14.431	6229700	20.0
Naphthalene, 2-...	14.660	44.1	ng	13749600	3	14.431	6229700	20.0
Naphthalene, 2,...	14.931	29.5	ng	9188040	3	14.431	6229700	20.0
unknown14.990	14.990	26.8	ng	8355880	3	14.431	6229700	20.0
Naphthalene, 1,...	15.119	28.1	ng	8756970	3	14.431	6229700	20.0
Naphthalene, 2-...	15.554	20.7	ng	6440120	3	14.431	6229700	20.0
Pentadecane, 2,...	15.743	56.5	ng	17598400	3	14.431	6229700	20.0
Pentadecane, 2,...	16.231	37.8	ng	21707000	4	17.237	11497400	20.0
Pentacosane	17.078	33.8	ng	19436300	4	17.237	11497400	20.0
Retene	20.178	24.0	ng	8326380	5	21.672	6940350	20.0