LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

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-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP025167.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.108	362	369	377	rBV	1051121	1563134	10.94%	0.513%
2	6.643	622	630	636	rVV	1240990	1971531	13.80%	0.647%
3	7.096	702	707	713	rBV2	730658	1015267	7.10%	0.333%
4	7.443	760	766	771	rVB	2783107	4018519	28.12%	1.318%
5	7.996	852	860	865	rVB3	493901	929923	6.51%	0.305%
6	8.213	891	897	900	rBV	347296	637454	4.46%	0.209%
7	8.537	943	952	955	rBV2	587842	1290612	9.03%	0.423%
8	8.572	955	958	962	rVV	727735	1039720	7.28%	0.341%
9	8.678	971	976	983	rVB	1610455	2542962	17.79%	0.834%
10	8.796	984	996	1001	rVB6	470778	1331825	9.32%	0.437%
11	9.107	1042	1049	1050	rBV3	389540	684496	4.79%	0.225%
12	9.137	1051	1054	1062	rVB2	783093	1221470	8.55%	0.401%
13	9.396	1094	1098	1106	rVV5	420696	1196549	8.37%	0.392%
14	9.501	1112	1116	1123	rVV2	459888	988957	6.92%	0.324%
15	9.590	1125	1131	1138	rVV4	773868	2083502	14.58%	0.683%
16	9.660	1138	1143	1151	rVB3	699261	1684019	11.78%	0.552%
17	9.760	1156	1160	1164	rBV2	422386	665748	4.66%	0.218%
18	9.837	1169	1173	1179	rVB	725190	1259527	8.81%	0.413%
19	9.913	1180	1186	1191	rBV	423903	745998	5.22%	0.245%
20	9.995	1191	1200	1206	rVB4	359193	871856	6.10%	0.286%
21	10.119	1217	1221	1225	rVV3	484561	882526	6.18%	0.289%
22	10.201	1225	1235	1241	rVV2	5132957	11798746	82.56%	3.870%
23	10.260	1241	1245	1251	rVV6	427086	1288923	9.02%	0.423%
24	10.319	1251	1255	1262	rVV3	488066	1280450	8.96%	0.420%
25	10.390	1262	1267	1271	rVV	1139654	1680380	11.76%	0.551%
26	10.454	1271	1278	1284	rVV7	313704	887541	6.21%	0.291%
27	10.619	1301	1306	1309	rBV4	492712	849658	5.95%	0.279%
28	10.660	1310	1313	1318	rVB	607300	867792	6.07%	0.285%
29	10.919	1354	1357	1361	rVB2	746711	1165188	8.15%	0.382%
30	11.060	1376	1381	1386	rBV3	624855	1099526	7.69%	0.361%
31	11.107	1386	1389	1393	rVV	484545	702119	4.91%	0.230%
32	11.148	1393	1396	1400	rVB2	657154	879424	6.15%	0.288%
33	11.254	1408	1414	1420	rBV4	1819271	3763869	26.34%	1.235%
34	11.390	1430	1437	1446	rVB3	1788473	3333120	23.32%	1.093%
35	11.666	1475	1484	1491	rVV	4692988	8524360	59.65%	2.796%
36	11.754	1494	1499	1505	rVB	963839	1619016	11.33%	0.531%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

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-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	12.137	1558	1564	1569	rBV	2319630	3851408	26.95%	1.263%
38	12.278	1583	1588	1591	rBV4	627830	1144936	8.01%	0.376%
39	12.319	1591	1595	1598	rVV	584406	803889	5.63%	0.264%
40	12.360	1598	1602	1606	rVV3	617295	989889	6.93%	0.325%
41	12.501	1622	1626	1632	rVB	1360580	1992650	13.94%	0.654%
42	12.589	1632	1641	1645	rBV4	1088506	2454078	17.17%	0.805%
43	12.648	1645	1651	1655	rVV2	2050982	3525980	24.67%	1.157%
44	12.695	1655	1659	1664	rVB	1694528	2454996	17.18%	0.805%
45	12.866	1684	1688	1692	rVB2	584445	763527	5.34%	0.250%
46	12.942	1696	1701	1708	rVV	6680653	9780735	68.44%	3.208%
47	13.031	1712	1716	1720	rVV3	1650430	2729578	19.10%	0.895%
48	13.084	1720	1725	1733	rVB4	880067	2027390	14.19%	0.665%
49	13.189	1740	1743	1748	rVB4	542770	844781	5.91%	0.277%
50	13.248	1748	1753	1758	rBV3	1000415	1900429	13.30%	0.623%
51	13.372	1770	1774	1778	rBV5	587862	1189877	8.33%	0.390%
52	13.460	1785	1789	1796	rBV5	1110742	2530302	17.71%	0.830%
53	13.525	1797	1800	1804	rVV3	1440769	1756478	12.29%	0.576%
54	13.566	1804	1807	1809	rVV2	765638	1043453	7.30%	0.342%
55	13.619	1809	1816	1820	rVV2	3269824	6440178	45.07%	2.113%
56	13.660	1820	1823	1833	rVB5	1864860	4004188	28.02%	1.313%
57	13.742	1833	1837	1844	rBV3	981495	1978086	13.84%	0.649%
58	13.831	1849	1852	1856	rBV4	661031	863156	6.04%	0.283%
59	14.048	1883	1889	1893	rBV	8542158	11573047	80.98%	3.796%
60	14.101	1893	1898	1905	rVB	4564727	7710946	53.96%	2.529%
61	14.319	1931	1935	1944	rVB6	743841	1799936	12.60%	0.590%
62	14.501	1962	1966	1968	rVV3	1568755	2532792	17.72%	0.831%
63	14.554	1972	1975	1979	rVV	1294758	1961589	13.73%	0.643%
64	14.601	1979	1983	1988	rVV3	887462	1804102	12.62%	0.592%
65	14.672	1991	1995	2001	rVB2	2642057	4020296	28.13%	1.319%
66	14.748	2003	2008	2011	rBV2	1228990	1972023	13.80%	0.647%
67	14.866	2022	2028	2031	rBV6	769919	1419508	9.93%	0.466%
68	14.919	2034	2037	2041	rVB2	786676	1142602	8.00%	0.375%
69	15.019	2049	2054	2059	rVB	10720138	12275786	85.90%	4.027%
70	15.436	2116	2125	2129	rBV	3632310	6974303	48.80%	2.288%
71	15.595	2148	2152	2154	rBV	1206199	1628367	11.39%	0.534%
72	15.630	2154	2158	2162	rVV3	968378	1721100	12.04%	0.565%
73	15.913	2201	2206	2209	rBV	9959805	14290428	100.00%	4.688%
74	15.936	2209	2210	2215	rVB	5531228	5672095	39.69%	1.861%
75	16.272	2262	2267	2273	rBV4	1637732	3495952	24.46%	1.147%
76	16.325	2273	2276	2282	rVV3	1144317	1894457	13.26%	0.621%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

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-BP070325.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	16.378	2282	2285	2288	rVB2	762592	888336	6.22%	0.291%
78	16.507	2305	2307	2314	rVB2	1043352	1446497	10.12%	0.474%
79	16.730	2340	2345	2350	rVV	7660863	11588453	81.09%	3.801%
80	16.789	2350	2355	2365	rVB	3301101	6160306	43.11%	2.021%
81	16.925	2372	2378	2383	rBV	4607156	6678048	46.73%	2.191%
82	17.219	2425	2428	2435	rVB2	869861	1220449	8.54%	0.400%
83	17.289	2436	2440	2444	rBV	944291	1204887	8.43%	0.395%
84	17.419	2459	2462	2469	rVB	984657	1532132	10.72%	0.503%
85	17.501	2471	2476	2482	rVB	8061249	10955281	76.66%	3.594%
86	17.901	2541	2544	2550	rVB3	766566	1295227	9.06%	0.425%
87	17.960	2550	2554	2559	rBV3	669981	1045995	7.32%	0.343%
88	18.024	2562	2565	2571	rVB3	507481	957379	6.70%	0.314%
89	18.219	2594	2598	2604	rBV	7008035	9111215	63.76%	2.989%
90	18.489	2640	2644	2645	rBV3	577128	720573	5.04%	0.236%
91	18.707	2678	2681	2685	rVB2	939467	1071970	7.50%	0.352%
92	18.889	2707	2712	2717	rVB	5657016	7191931	50.33%	2.359%
93	19.113	2747	2750	2757	rBV	978013	1276635	8.93%	0.419%
94	19.495	2810	2815	2820	rVB2	3987162	5557299	38.89%	1.823%
95	19.677	2842	2846	2850	rBV	3381320	4196853	29.37%	1.377%
96	20.060	2907	2911	2915	rBV	3351992	3902885	27.31%	1.280%
97	20.577	2996	2999	3007	rVB	2348993	2725029	19.07%	0.894%
98	21.095	3085	3087	3092	rVB	1059686	1147121	8.03%	0.376%
99	21.348	3125	3130	3136	rVB2	5199717	7779608	54.44%	2.552%
100	24.512	3662	3668	3675	rVB	3429216	7879189	55.14%	2.585%

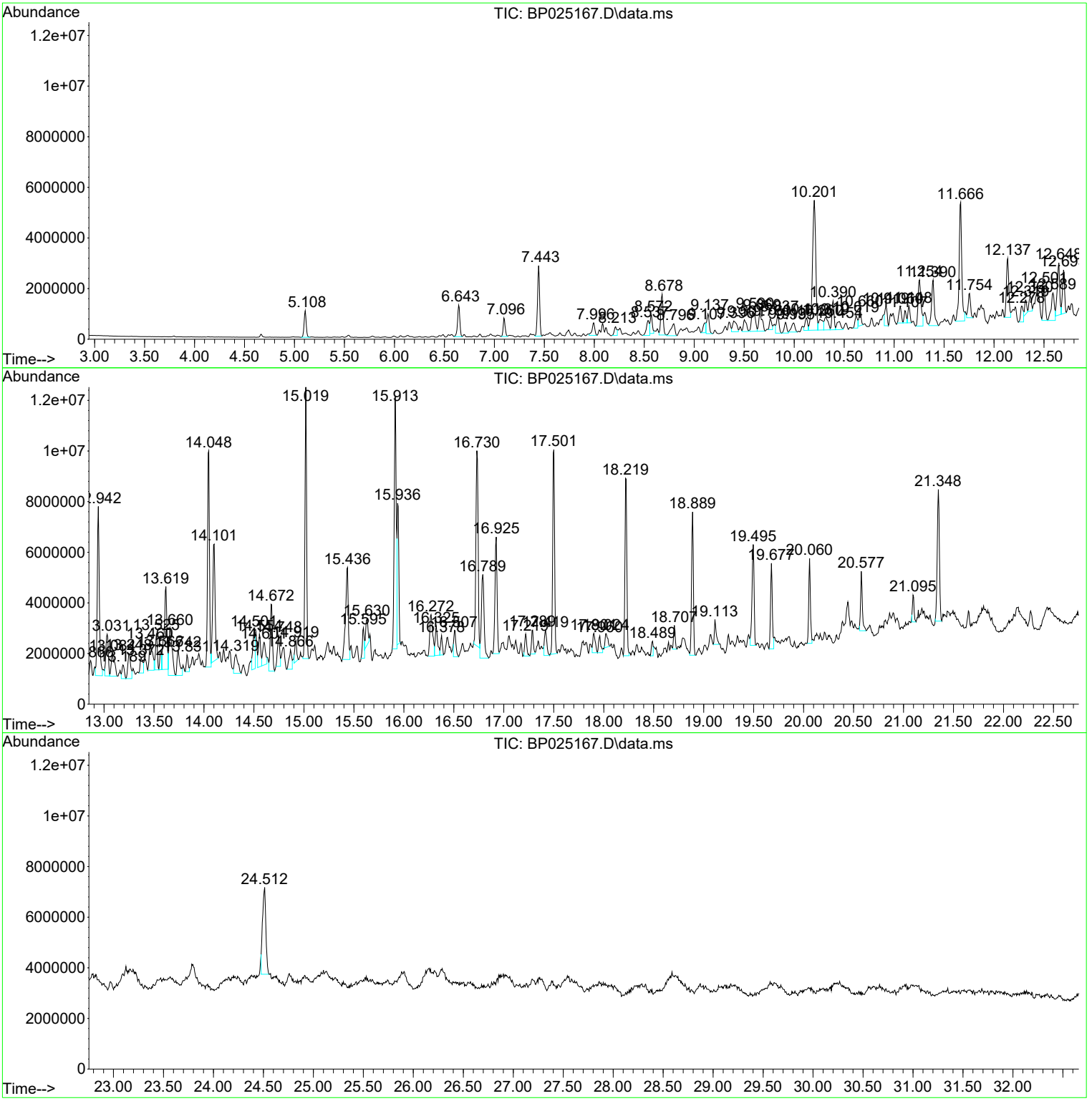
Sum of corrected areas: 304858318

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

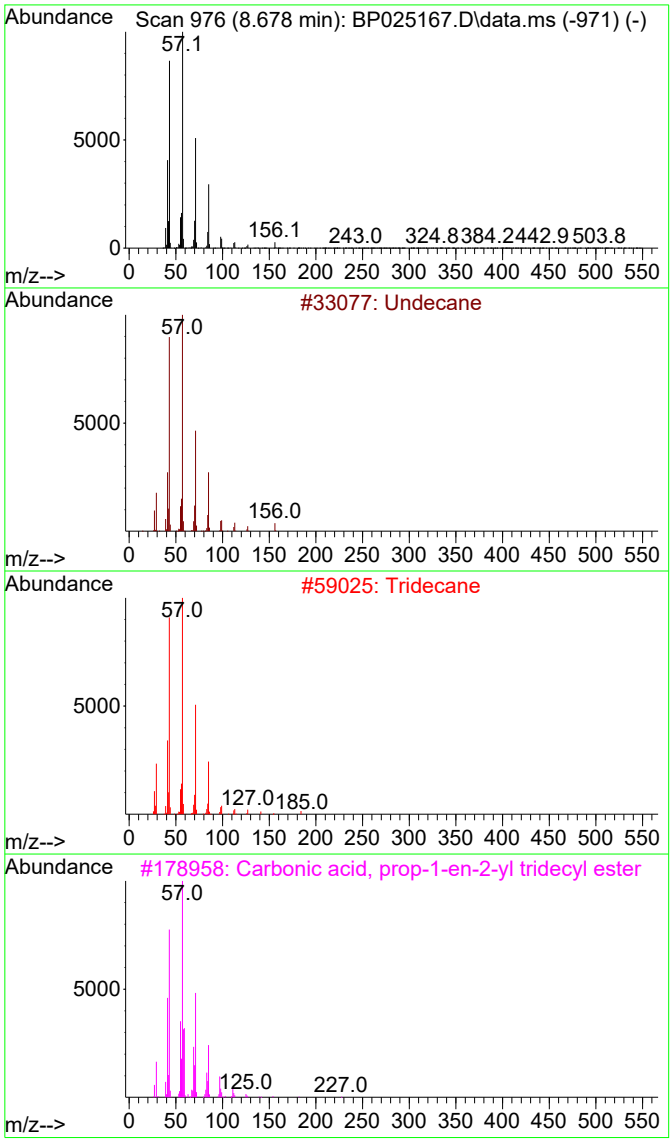
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

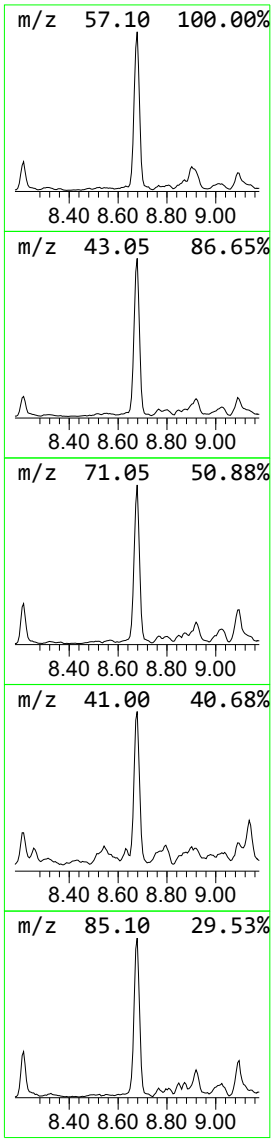
****

Peak Number 1 Undecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.678	12.66 ng	2542960	1,4-Dichlorobenzene-d4	7.443

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Tridecane	184	C13H28	000629-50-5	86
3	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	83
4	Tetradecane	198	C14H30	000629-59-4	83
5	Hexadecane	226	C16H34	000544-76-3	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

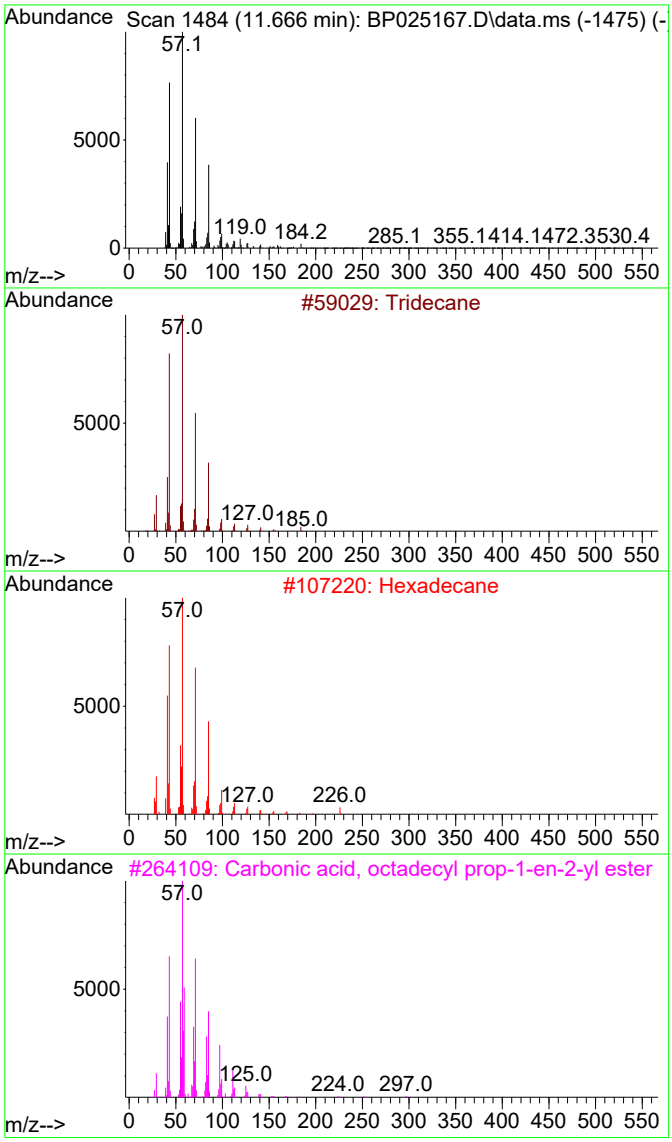
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

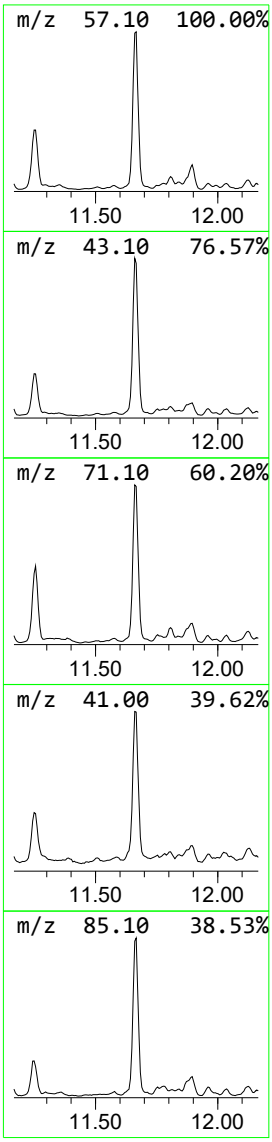
****

Peak Number 2 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.666	14.45 ng	8524360	Naphthalene-d8	10.195

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Carbonic acid, octadecyl prop-1-...	354	C22H42O3	1000383-11-5	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

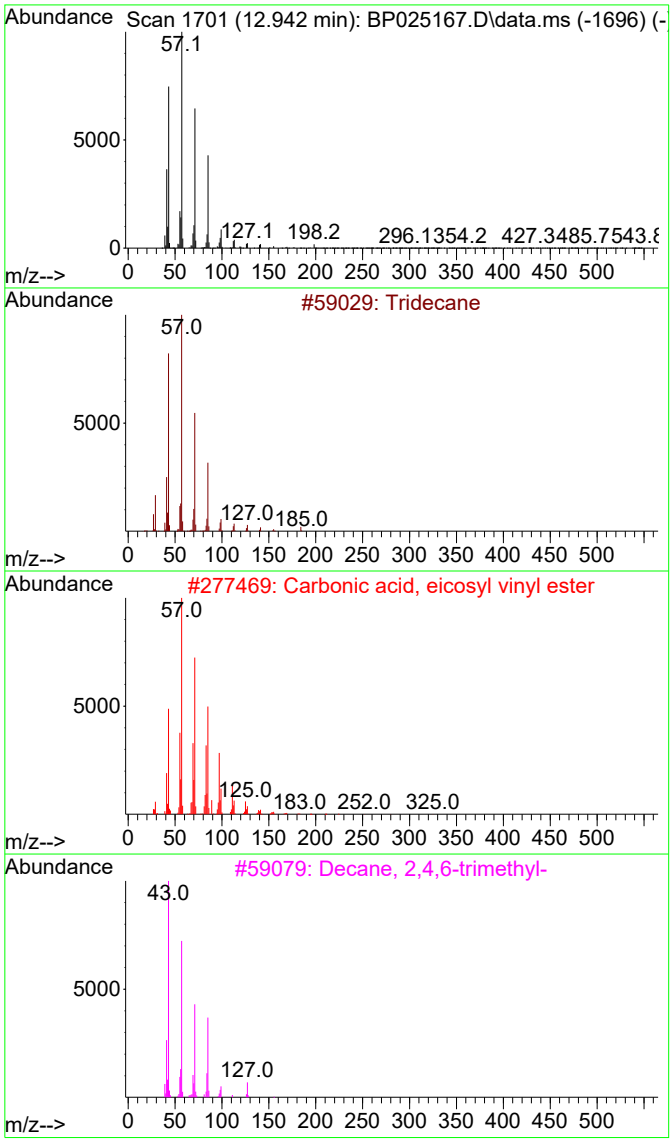
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

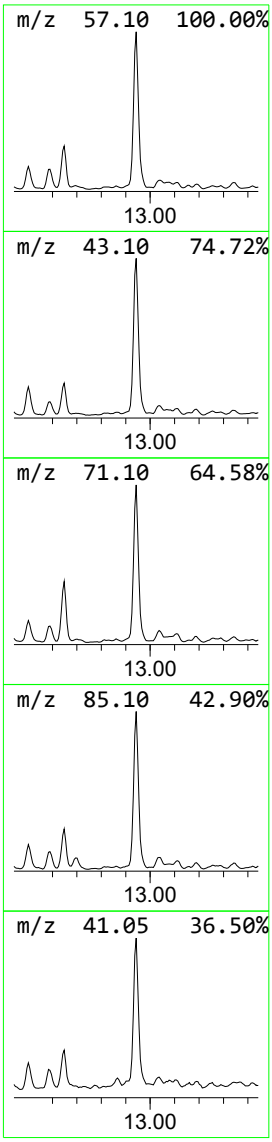
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Carbonic acid, eicosyl viny... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.942	25.37 ng	9780740	Acenaphthene-d10	14.101

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87
3	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	78
4	Pentadecane	212	C15H32	000629-62-9	72
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

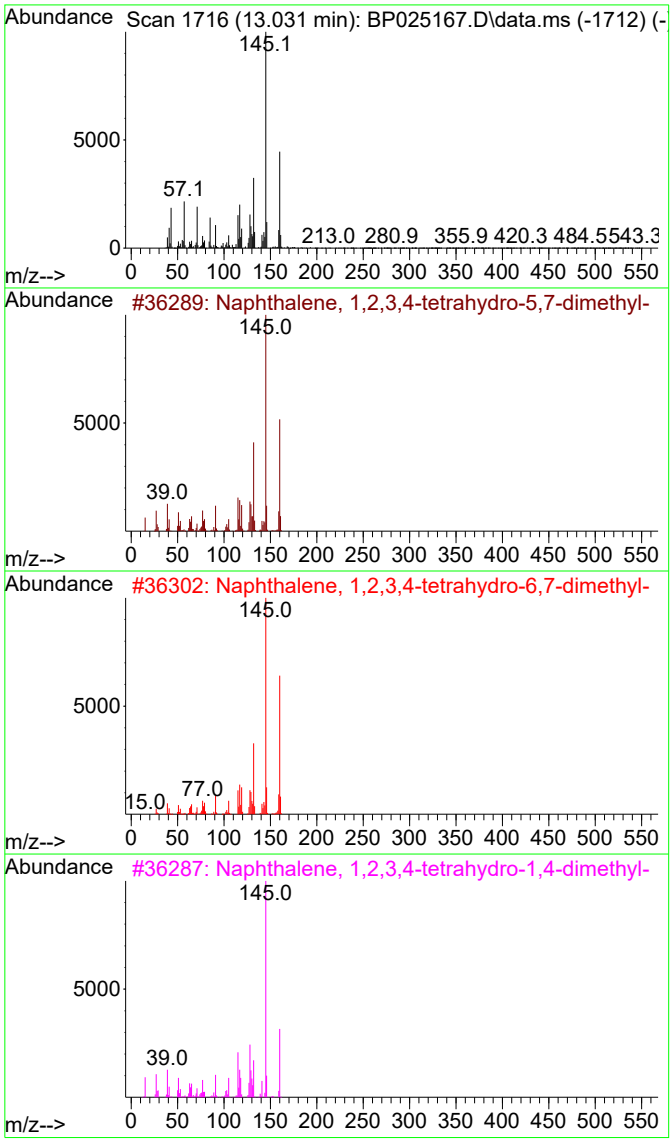
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

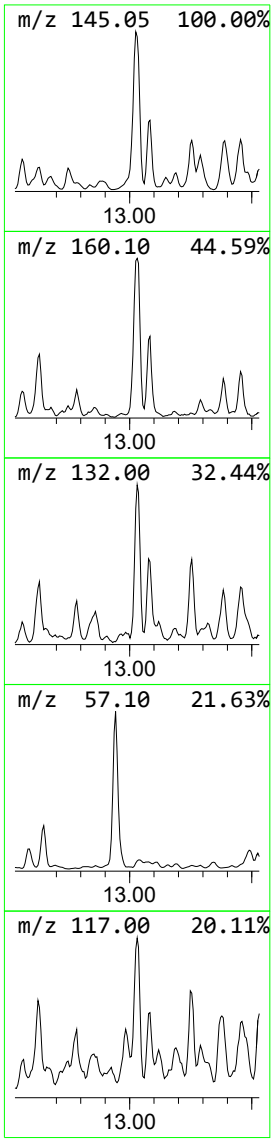
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.031	7.08 ng	2729580	Acenaphthene-d10	14.101

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	96
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	95
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	93
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	90
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

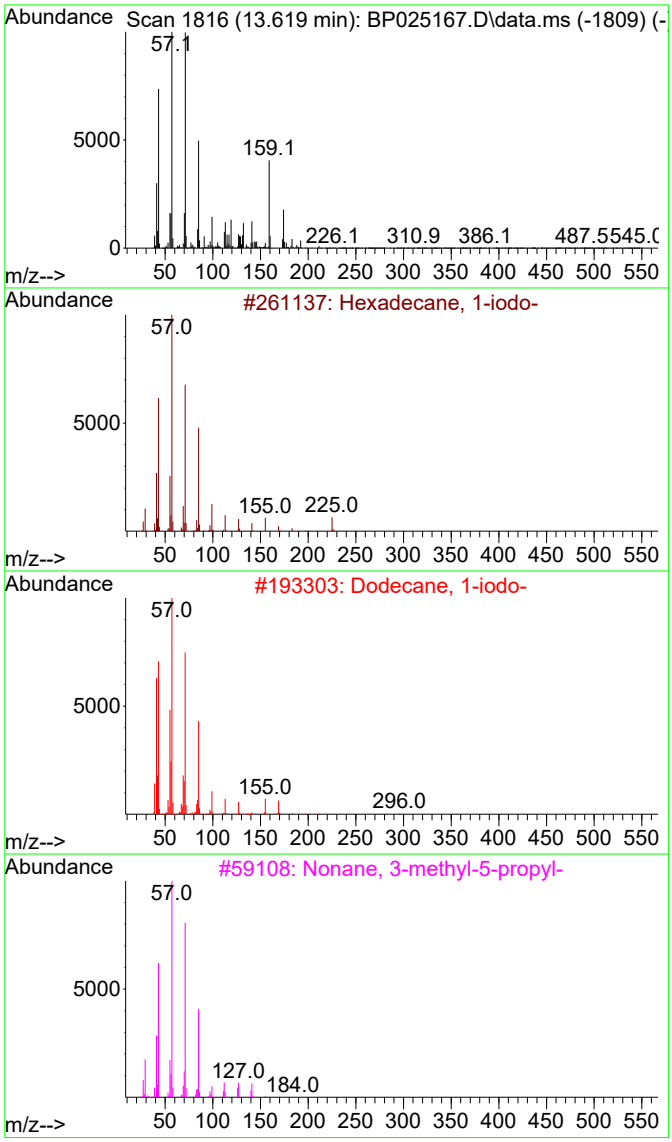
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

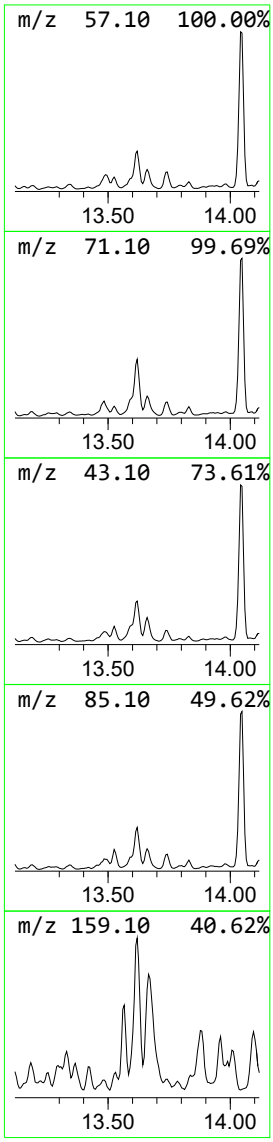
****

Peak Number 5 Hexadecane, 1-iodo- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.619	16.70 ng	6440180	Acenaphthene-d10	14.101

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	50
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	47
4	Decane, 5-propyl-	184	C13H28	017312-62-8	46
5	2,6,10-Trimethyltridecane	226	C16H34	003891-99-4	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

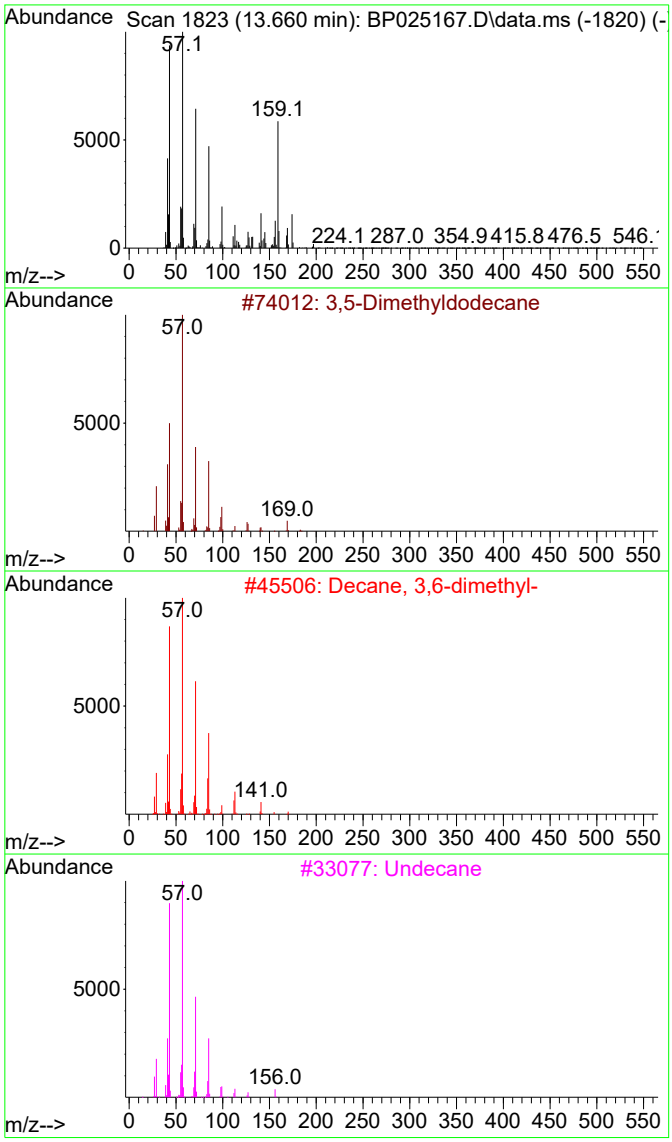
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

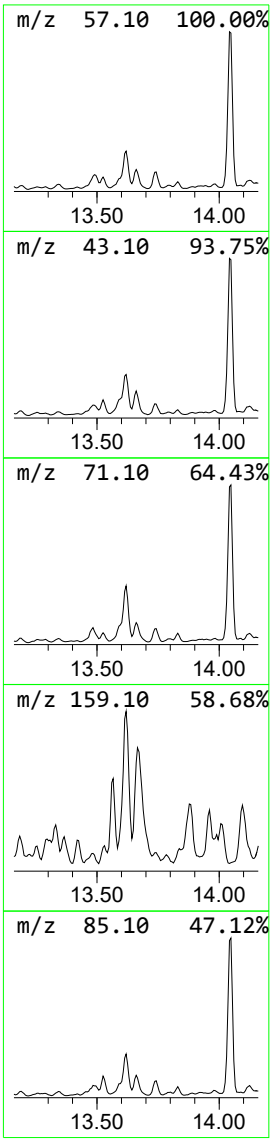
****

Peak Number 6 3,5-Dimethyldodecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.660	10.39 ng	4004190	Acenaphthene-d10	14.101

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dimethyldodecane	198	C14H30	107770-99-0	58
2	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	55
3	Undecane	156	C11H24	001120-21-4	53
4	Octacosane	394	C28H58	000630-02-4	52
5	Octacosane, 2-methyl-	408	C29H60	001560-98-1	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

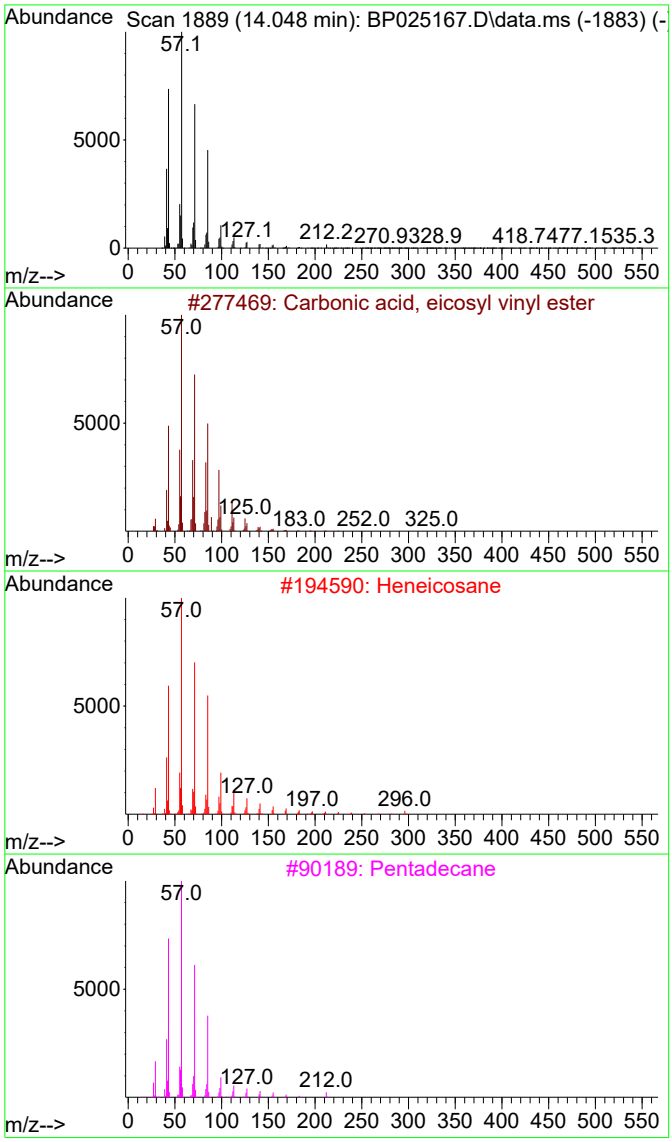
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

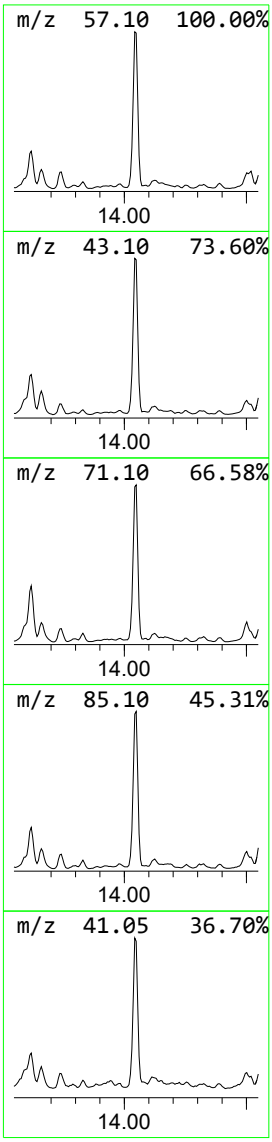
****

Peak Number 7 Heneicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.048	30.02 ng	11573000	Acenaphthene-d10	14.101

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Pentadecane	212	C15H32	000629-62-9	91
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tetradecane	198	C14H30	000629-59-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

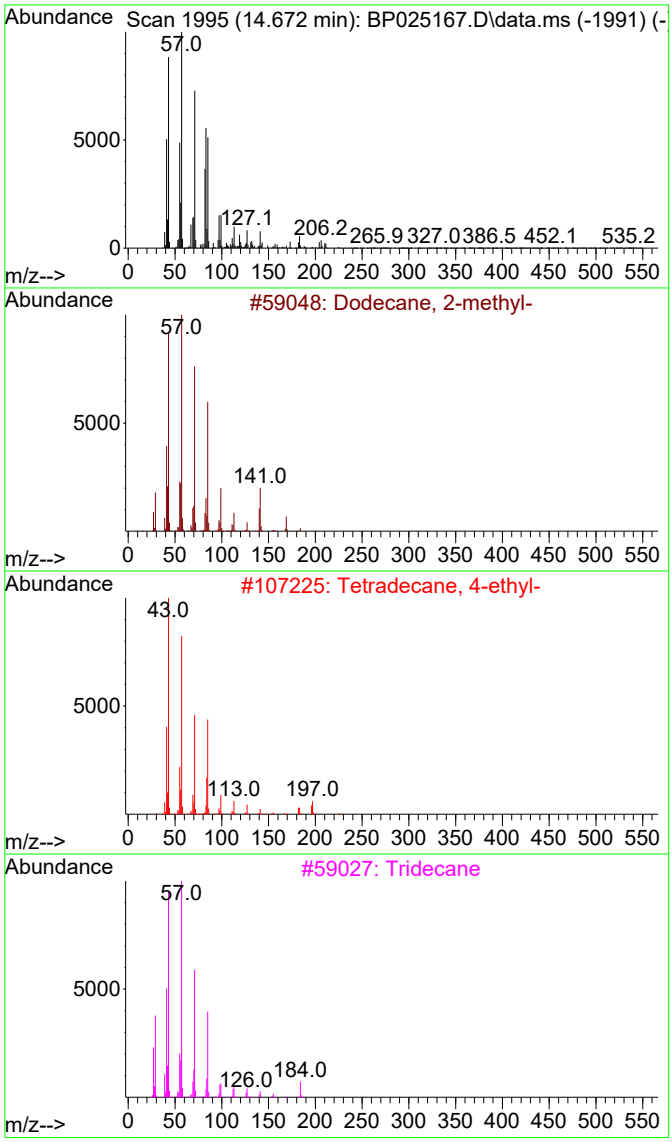
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

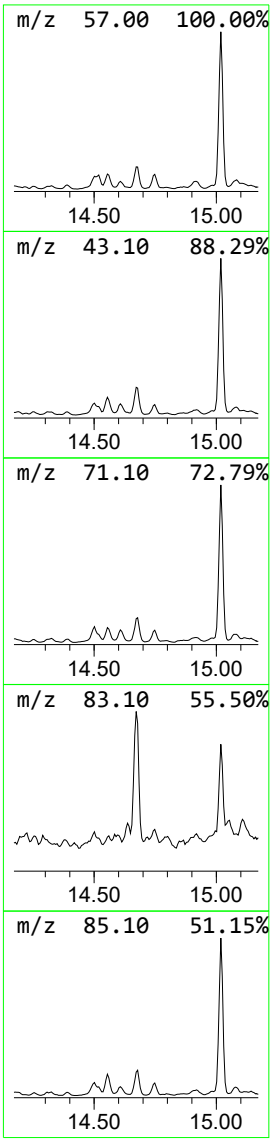
****

Peak Number 8 Dodecane, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.672	10.43 ng	4020300	Acenaphthene-d10	14.101

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
2	Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	60
3	Tridecane	184	C13H28	000629-50-5	58
4	Octacosane	394	C28H58	000630-02-4	58
5	Pentacosane	352	C25H52	000629-99-2	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

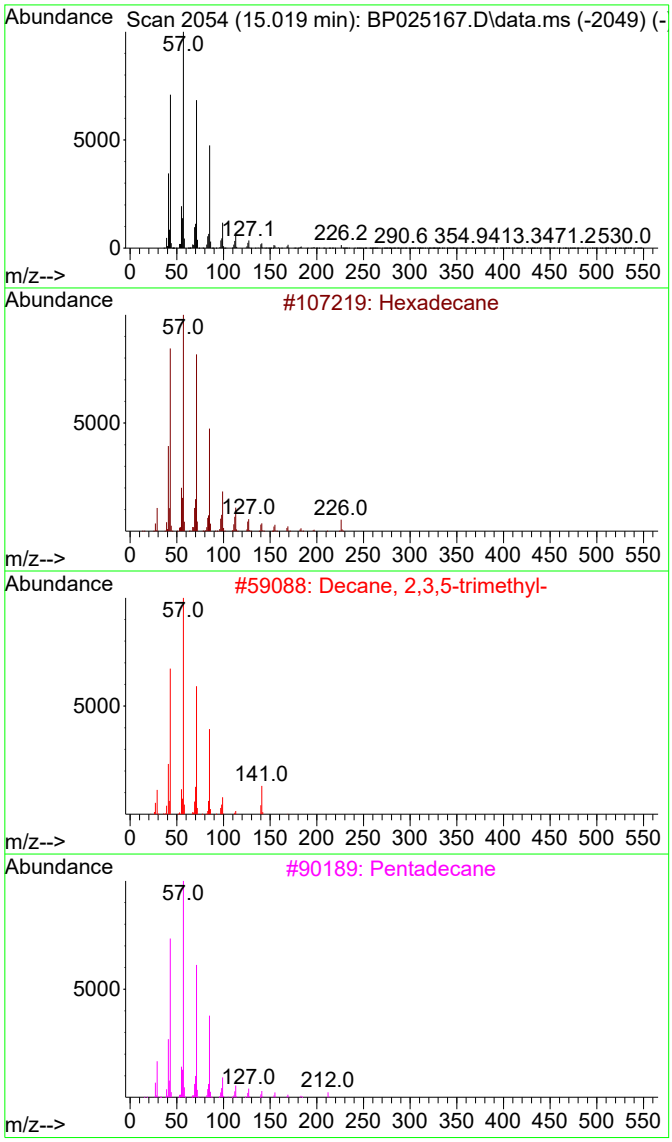
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

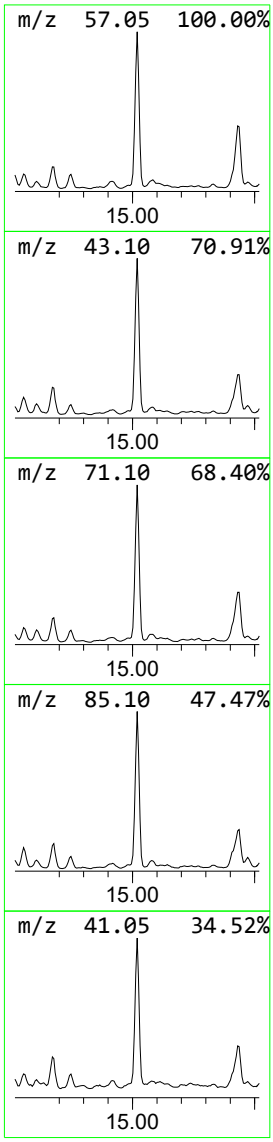
****

Peak Number 9 Hexadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.019	31.84 ng	12275800	Acenaphthene-d10	14.101

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

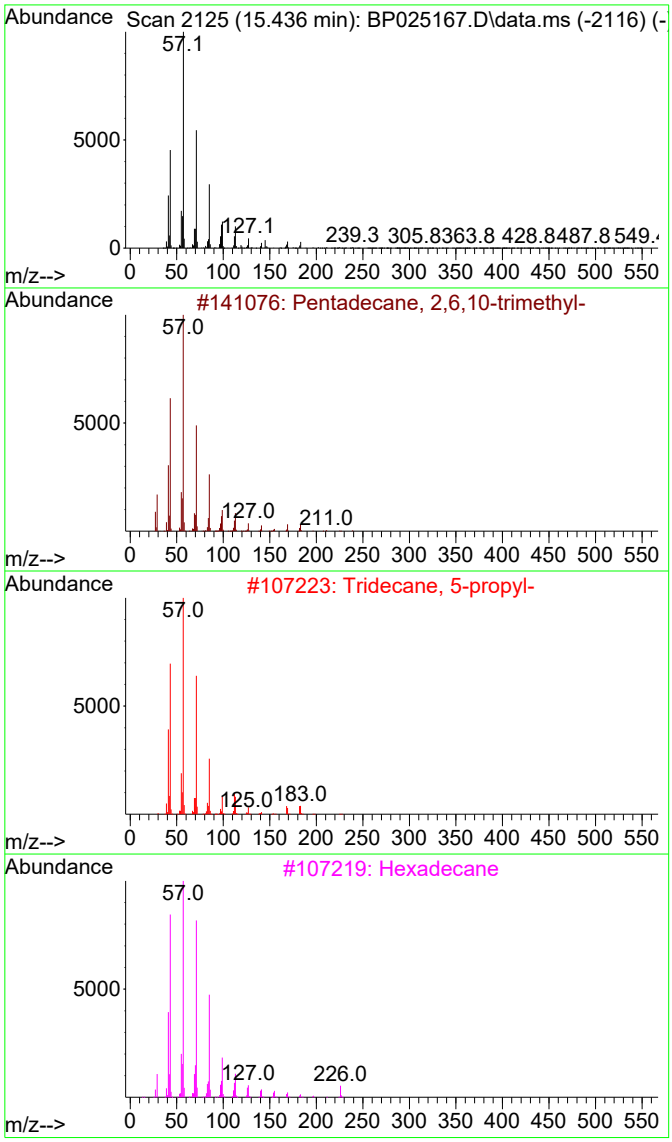
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

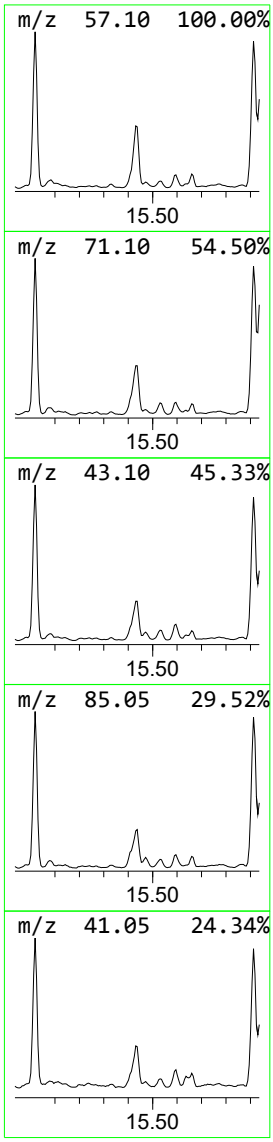
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.436	18.09 ng	6974300	Acenaphthene-d10	14.101

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	94
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	87
3	Hexadecane	226	C16H34	000544-76-3	83
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	80
5	Heptacosane	380	C27H56	000593-49-7	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

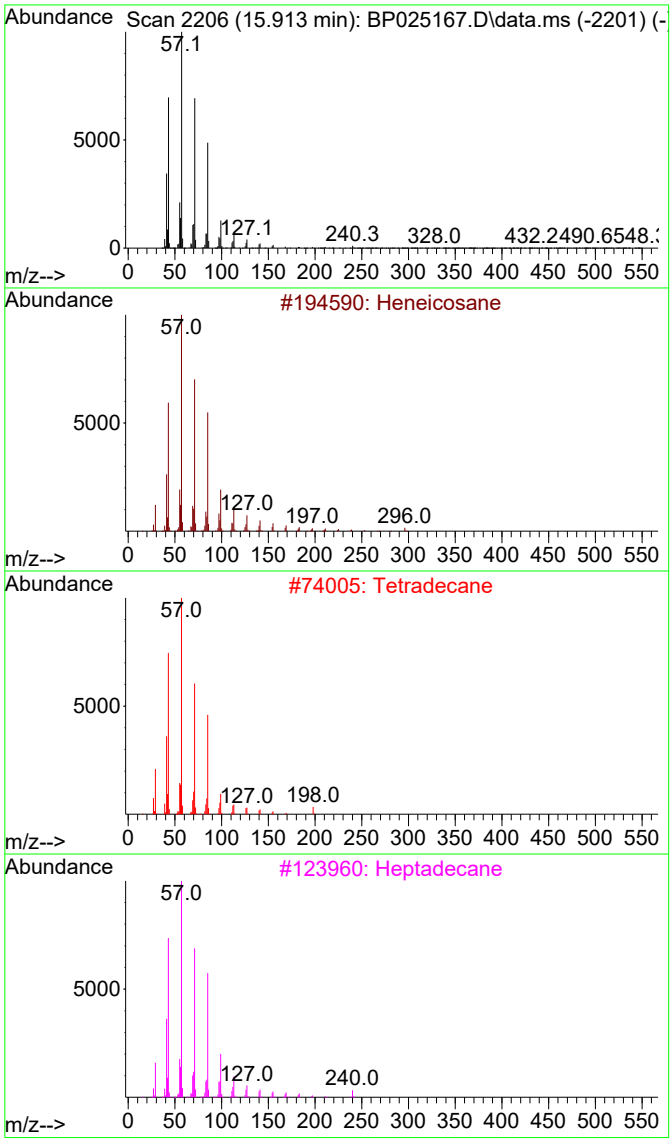
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

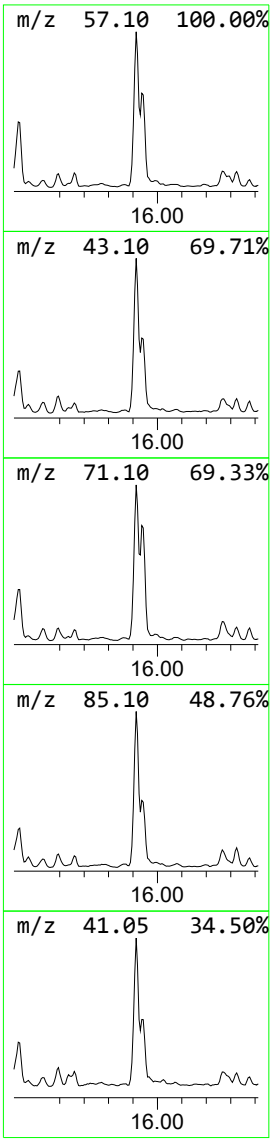
****

Peak Number 11 Tetradecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.913	42.80 ng	14290400	Phenanthrene-d10	16.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Heptadecane	240	C17H36	000629-78-7	91
4	Tetracosane	338	C24H50	000646-31-1	90
5	Hexadecane	226	C16H34	000544-76-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

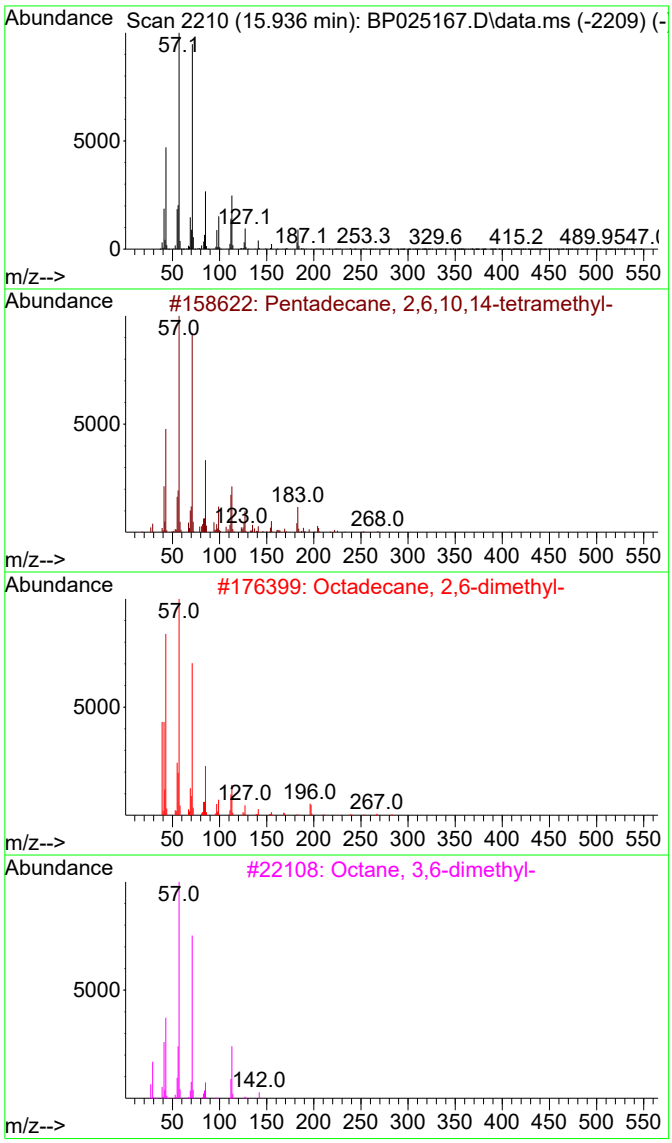
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

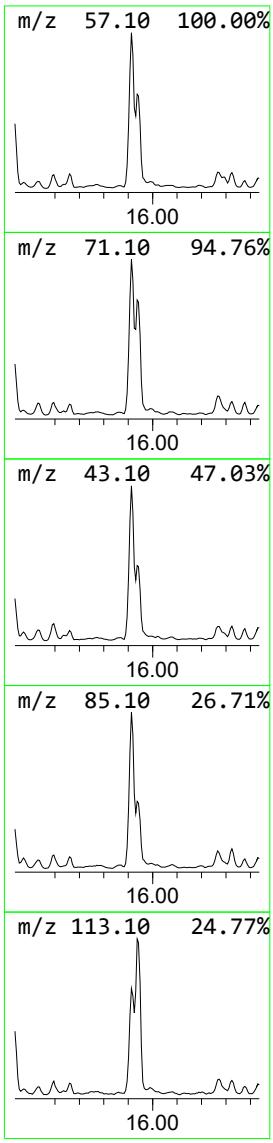
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Pentadecane, 2,6,10,14-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.936	16.99 ng	5672100	Phenanthrene-d10	16.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	80
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	68
4	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	64
5	Sulfurous acid, 2-ethylhexyl pen...	404	C23H48O3S	1000309-19-8	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

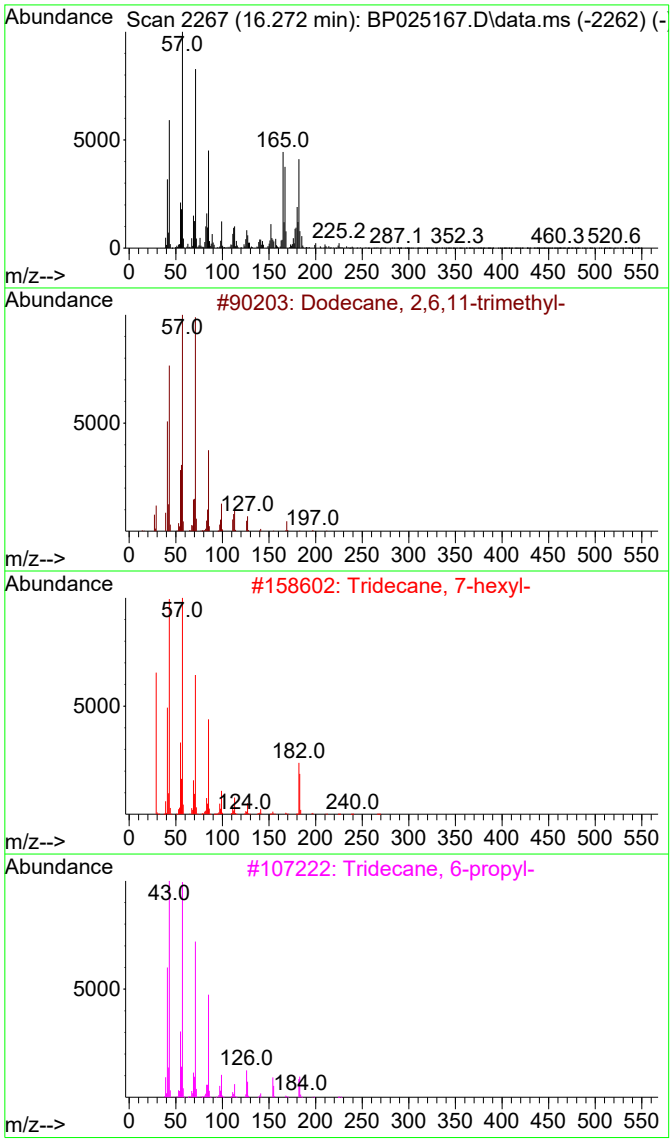
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

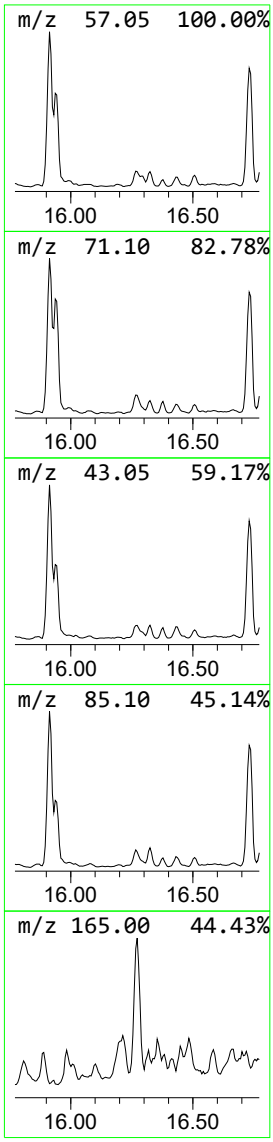
****

Peak Number 13 Dodecane, 2,6,11-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.272	10.47 ng	3495950	Phenanthrene-d10	16.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	74
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	64
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	46
4	Hexadecane	226	C16H34	000544-76-3	38
5	Tridecane, 3-ethyl-	212	C15H32	013286-73-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

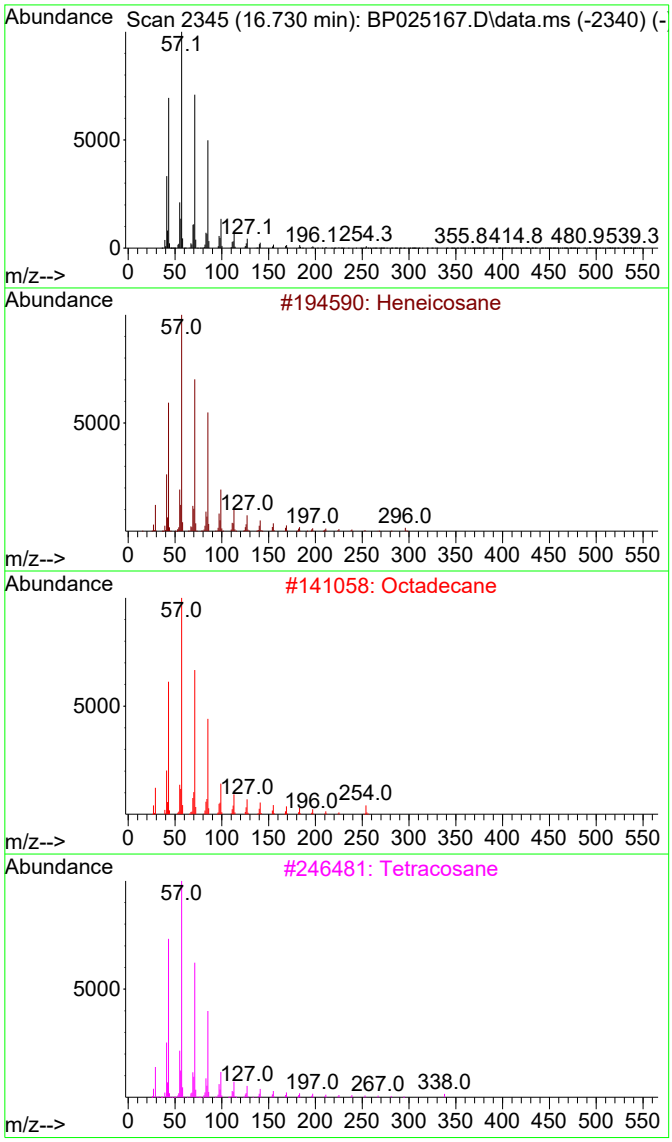
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

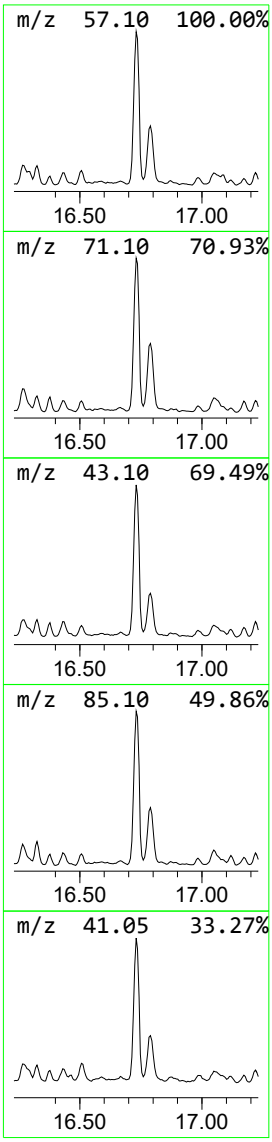
****

Peak Number 14 Octadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.730	34.71 ng	11588500	Phenanthrene-d10	16.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Octadecane	254	C18H38	000593-45-3	90
3	Tetracosane	338	C24H50	000646-31-1	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Heptadecane	240	C17H36	000629-78-7	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

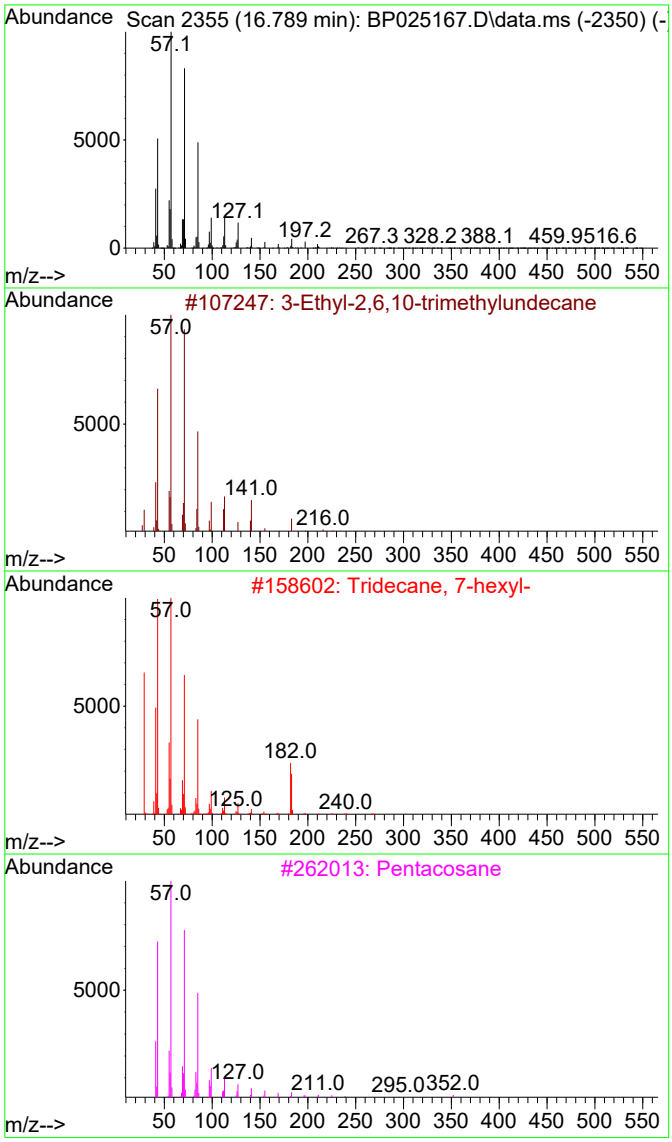
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

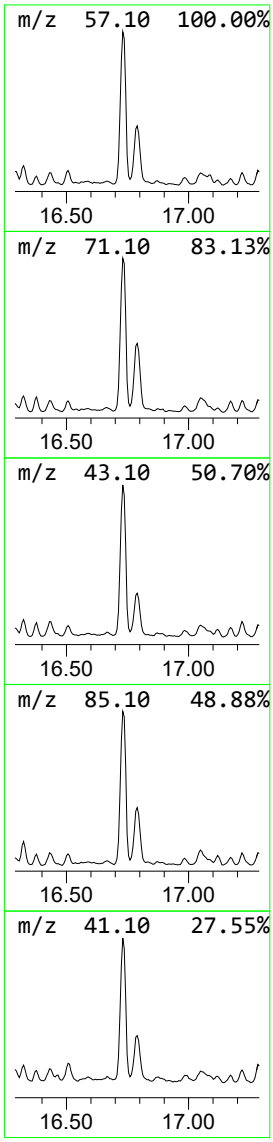
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 3-Ethyl-2,6,10-trimethylund... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.789	18.45 ng	6160310	Phenanthrene-d10	16.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Ethyl-2,6,10-trimethylundecane	226	C16H34	1000432-25-9	93
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	90
3	Pentacosane	352	C25H52	000629-99-2	90
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	90
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

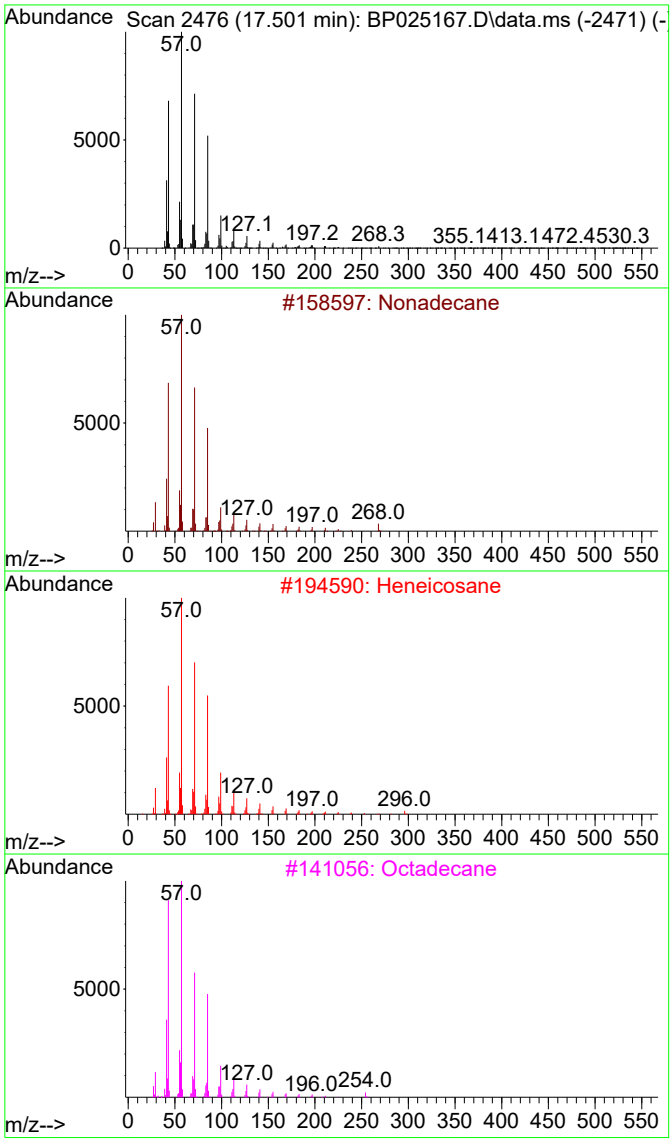
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

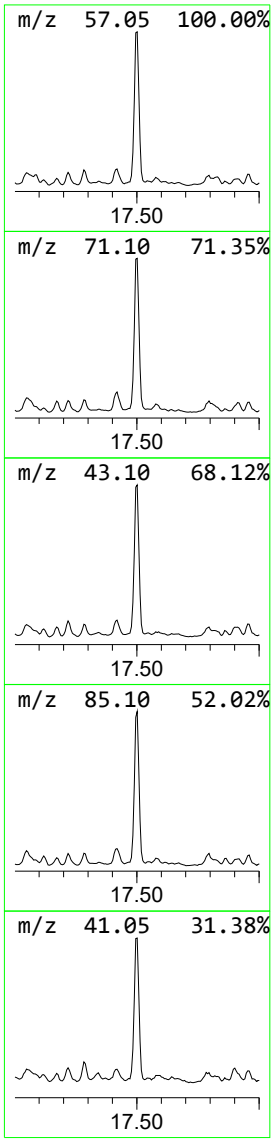
****

Peak Number 16 Nonadecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.501	32.81 ng	10955300	Phenanthrene-d10	16.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Tetracosane	338	C24H50	000646-31-1	91
5	Pentadecane	212	C15H32	000629-62-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

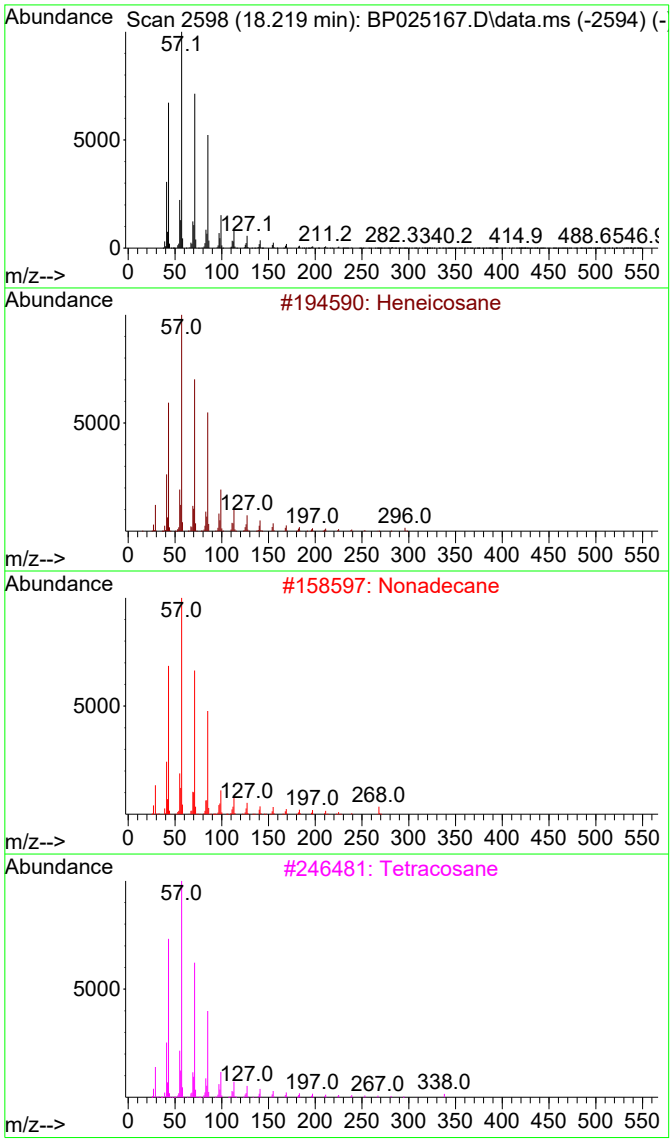
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

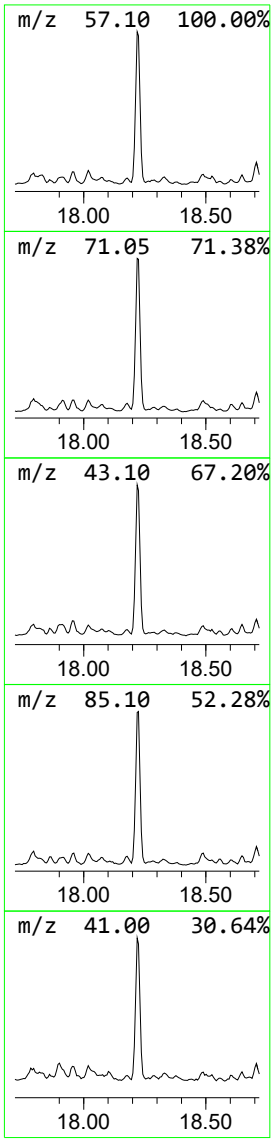
****

Peak Number 17 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.219	27.29 ng	9111220	Phenanthrene-d10	16.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Heptadecane	240	C17H36	000629-78-7	91
5	Eicosane	282	C20H42	000112-95-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

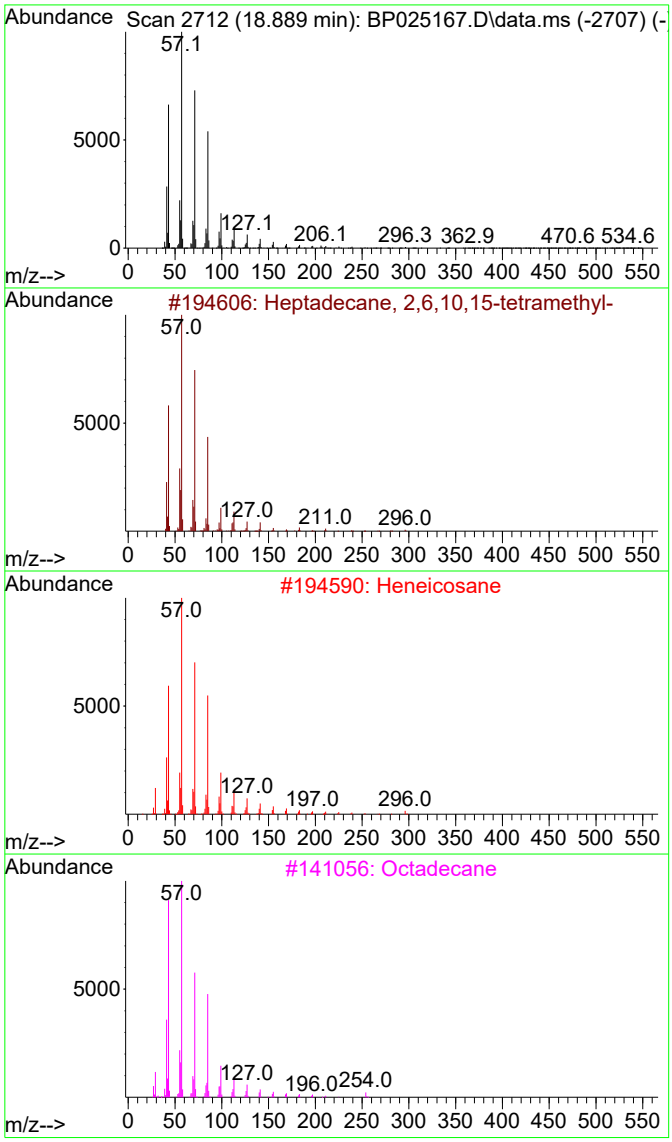
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

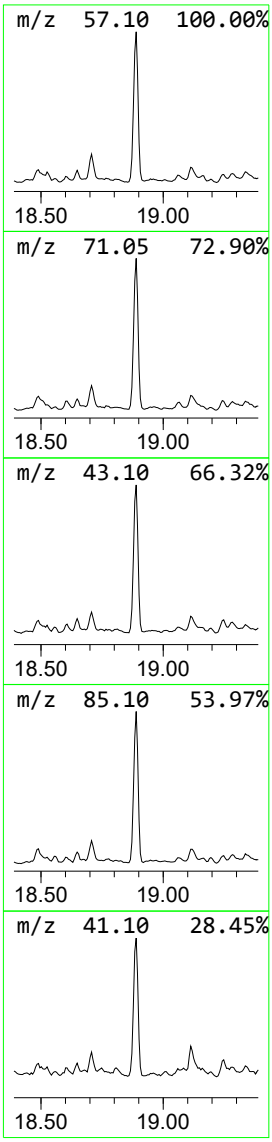
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.889	21.54 ng	7191930	Phenanthrene-d10	16.924

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	95
2	Heneicosane	296	C21H44	000629-94-7	91
3	Octadecane	254	C18H38	000593-45-3	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Eicosane	282	C20H42	000112-95-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

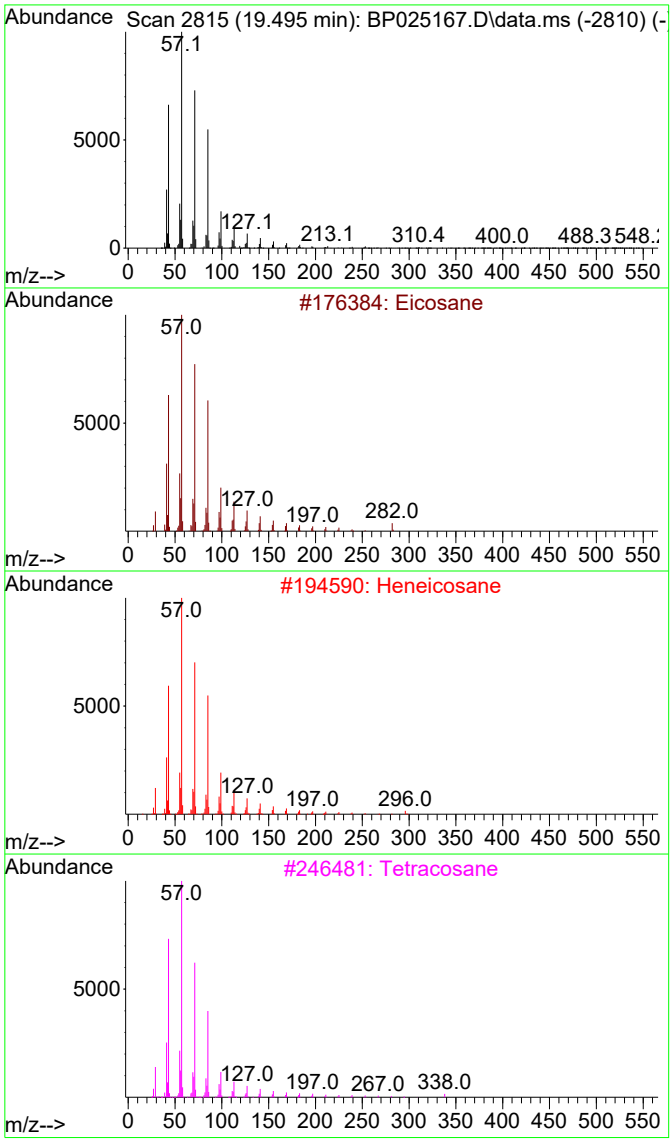
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

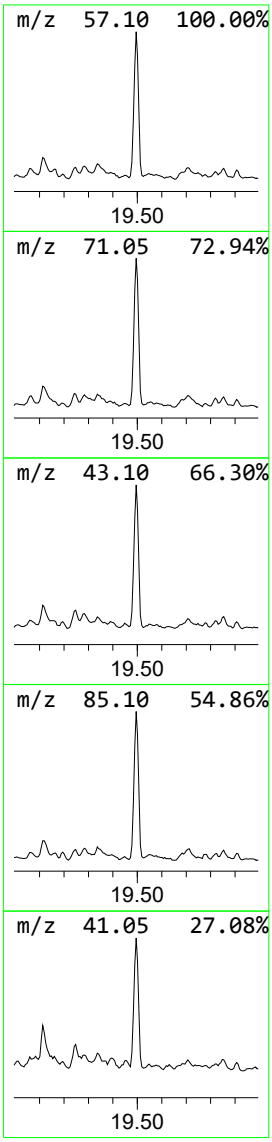
****

Peak Number 19 Eicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.495	14.29 ng	5557300	Chrysene-d12	21.348

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heneicosane	296	C21H44	000629-94-7	91
3	Tetracosane	338	C24H50	000646-31-1	91
4	Nonadecane	268	C19H40	000629-92-5	91
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

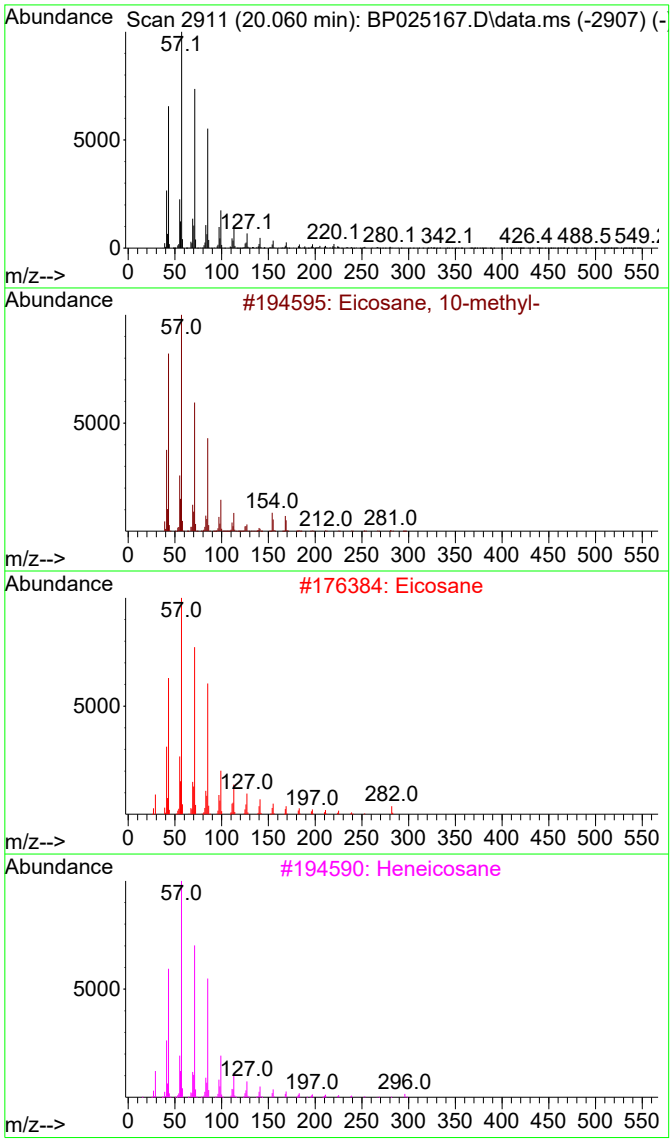
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

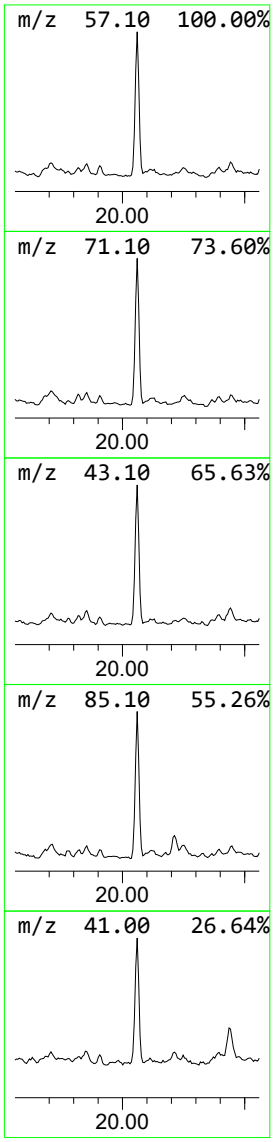
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Eicosane, 10-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.060	10.03 ng	3902890	Chrysene-d12	21.348

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
2	Eicosane	282	C20H42	000112-95-8	91
3	Heneicosane	296	C21H44	000629-94-7	91
4	Pentacosane	352	C25H52	000629-99-2	91
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071625\
Data File : BP025167.D
Acq On : 16 Jul 2025 21:04
Operator : CG/JU
Sample : Q2589-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AU-06-071125

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.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
Undecane	8.678	12.7	ng	2542960	1	7.443	4018520	20.0
Tridecane	11.666	14.4	ng	8524360	2	10.195	11798700	20.0
Carbonic acid, ...	12.942	25.4	ng	9780740	3	14.101	7710950	20.0
Naphthalene, 1,...	13.031	7.1	ng	2729580	3	14.101	7710950	20.0
Hexadecane, 1-i...	13.619	16.7	ng	6440180	3	14.101	7710950	20.0
3,5-Dimethyldod...	13.660	10.4	ng	4004190	3	14.101	7710950	20.0
Heneicosane	14.048	30.0	ng	11573000	3	14.101	7710950	20.0
Dodecane, 2-met...	14.672	10.4	ng	4020300	3	14.101	7710950	20.0
Hexadecane	15.019	31.8	ng	12275800	3	14.101	7710950	20.0
Pentadecane, 2,...	15.436	18.1	ng	6974300	3	14.101	7710950	20.0
Tetradecane	15.913	42.8	ng	14290400	4	16.924	6678050	20.0
Pentadecane, 2,...	15.936	17.0	ng	5672100	4	16.924	6678050	20.0
Dodecane, 2,6,1...	16.272	10.5	ng	3495950	4	16.924	6678050	20.0
Octadecane	16.730	34.7	ng	11588500	4	16.924	6678050	20.0
3-Ethyl-2,6,10-...	16.789	18.4	ng	6160310	4	16.924	6678050	20.0
Nonadecane	17.501	32.8	ng	10955300	4	16.924	6678050	20.0
Tetracosane	18.219	27.3	ng	9111220	4	16.924	6678050	20.0
Heptadecane, 2,...	18.889	21.5	ng	7191930	4	16.924	6678050	20.0
Eicosane	19.495	14.3	ng	5557300	5	21.348	7779610	20.0
Eicosane, 10-me...	20.060	10.0	ng	3902890	5	21.348	7779610	20.0