LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024316.D
Acq On : 16 Apr 2025 17:57
Operator : RC/JU
Sample : Q1791-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : 280791

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BP024316.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.111	3	4	15	rVB	464239	501441	2.95%	0.392%
2	4.305	202	207	219	rVB	537343	750951	4.41%	0.587%
3	4.893	301	307	329	rVB	1341931	1912539	11.24%	1.495%
4	5.346	376	384	398	rBV	4228826	6213376	36.52%	4.857%
5	5.946	476	486	495	rBV	400548	592965	3.49%	0.464%
6	6.740	612	621	628	rBV	436994	641595	3.77%	0.502%
7	6.910	642	650	656	rBV	3334770	5229851	30.74%	4.088%
8	6.969	656	660	672	rVB2	154177	312421	1.84%	0.244%
9	7.075	672	678	683	rBV	143218	218694	1.29%	0.171%
10	7.269	704	711	712	rBV2	129688	187936	1.10%	0.147%
11	7.581	758	764	768	rBV	141942	216608	1.27%	0.169%
12	7.722	775	788	796	rVB2	1910638	3605694	21.19%	2.818%
13	7.863	805	812	817	rVB	512824	793254	4.66%	0.620%
14	7.957	822	828	841	rBV	1713593	3041088	17.88%	2.377%
15	8.140	855	859	865	rVB	173530	238519	1.40%	0.186%
16	8.210	865	871	876	rBV	513233	801139	4.71%	0.626%
17	8.263	876	880	884	rBV	1370802	2109769	12.40%	1.649%
18	8.398	894	903	908	rBV	1720802	2703064	15.89%	2.113%
19	8.469	908	915	919	rVV2	226742	462642	2.72%	0.362%
20	8.528	919	925	929	rVV4	100007	226388	1.33%	0.177%
21	8.598	929	937	940	rVV	1048055	1733787	10.19%	1.355%
22	8.628	940	942	949	rVB	623177	850241	5.00%	0.665%
23	8.757	955	964	972	rBV3	365894	990749	5.82%	0.774%
24	8.875	972	984	994	rVV	3241410	6331864	37.22%	4.949%
25	8.957	994	998	1007	rVB	397645	660203	3.88%	0.516%
26	9.040	1007	1012	1018	rBV2	105846	232670	1.37%	0.182%
27	9.234	1037	1045	1049	rBV3	198819	428893	2.52%	0.335%
28	9.287	1049	1054	1059	rVV2	445957	760775	4.47%	0.595%
29	9.398	1068	1073	1079	rBV3	82593	184288	1.08%	0.144%
30	9.793	1130	1140	1143	rBV2	135458	300407	1.77%	0.235%
31	9.887	1151	1156	1157	rBV	123634	174302	1.02%	0.136%
32	9.910	1157	1160	1168	rVB	613752	939205	5.52%	0.734%
33	9.987	1168	1173	1177	rBV	352007	577396	3.39%	0.451%
34	10.022	1177	1179	1185	rVB	182329	223725	1.32%	0.175%
35	10.087	1185	1190	1200	rVB2	149742	277124	1.63%	0.217%
36	10.498	1250	1260	1272	rBV	1488587	2792449	16.41%	2.183%

LSC Area Percent Report

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Sample : Q1791-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
280791

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	11.416	1411	1416	1422	rVB	124369	200286	1.18%	0.157%
38	11.528	1430	1435	1444	rVB	268274	417418	2.45%	0.326%
39	11.922	1496	1502	1508	rBV	614515	877325	5.16%	0.686%
40	12.145	1533	1540	1548	rVB3	128676	291180	1.71%	0.228%
41	12.563	1605	1611	1614	rBV2	141493	240179	1.41%	0.188%
42	12.622	1614	1621	1626	rVB5	134442	327786	1.93%	0.256%
43	12.745	1637	1642	1647	rBV2	204346	280852	1.65%	0.220%
44	12.828	1652	1656	1661	rVV	186425	279530	1.64%	0.218%
45	12.886	1661	1666	1671	rVV	528747	740335	4.35%	0.579%
46	12.969	1671	1680	1688	rVB	8074568	11900833	69.96%	9.302%
47	13.175	1708	1715	1724	rBV	1141139	1952678	11.48%	1.526%
48	13.704	1801	1805	1810	rBV3	192191	341529	2.01%	0.267%
49	13.751	1810	1813	1819	rVB2	157501	208899	1.23%	0.163%
50	13.845	1825	1829	1833	rVB2	435560	578060	3.40%	0.452%
51	13.886	1833	1836	1844	rVB	248905	364969	2.15%	0.285%
52	13.963	1845	1849	1854	rVB	220176	270955	1.59%	0.212%
53	14.263	1895	1900	1906	rVB	640433	838785	4.93%	0.656%
54	14.357	1909	1916	1927	rBV	2382114	3524305	20.72%	2.755%
55	14.716	1972	1977	1983	rBV3	203911	409373	2.41%	0.320%
56	14.769	1983	1986	1992	rVB2	143363	222649	1.31%	0.174%
57	14.828	1992	1996	2001	rVB	151533	204346	1.20%	0.160%
58	14.892	2003	2007	2015	rVB3	208230	288511	1.70%	0.226%
59	14.963	2015	2019	2025	rBV	200747	257406	1.51%	0.201%
60	15.233	2061	2065	2070	rBV	243499	298392	1.75%	0.233%
61	15.292	2071	2075	2079	rBV2	236811	368222	2.16%	0.288%
62	15.627	2124	2132	2135	rBV2	328566	701667	4.12%	0.548%
63	15.686	2139	2142	2147	rVB	164106	208414	1.23%	0.163%
64	15.745	2147	2152	2157	rVB	221122	293138	1.72%	0.229%
65	15.798	2158	2161	2167	rBV	168034	236695	1.39%	0.185%
66	15.875	2168	2174	2184	rBV	6533693	9256757	54.41%	7.236%
67	16.110	2210	2214	2217	rBV	169113	243162	1.43%	0.190%
68	16.157	2217	2222	2228	rVB4	192337	472583	2.78%	0.369%
69	16.345	2249	2254	2259	rBV3	149143	246393	1.45%	0.193%
70	16.469	2270	2275	2278	rBV	266563	426564	2.51%	0.333%
71	16.922	2347	2352	2355	rBV2	169785	254026	1.49%	0.199%
72	16.963	2355	2359	2366	rVB3	154488	347016	2.04%	0.271%
73	17.163	2387	2393	2399	rBV2	2345834	3456077	20.32%	2.701%
74	17.251	2403	2408	2417	rVB3	96621	299524	1.76%	0.234%
75	17.692	2479	2483	2487	rBV	133578	171929	1.01%	0.134%
76	18.110	2549	2554	2560	rBV	938524	1287147	7.57%	1.006%

LSC Area Percent Report

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Operator : RC/JU
Sample : Q1791-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
280791

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-BP041425.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	18.416	2602	2606	2614	rBV	276594	388604	2.28%	0.304%
78	18.898	2684	2688	2692	rBV	225705	283574	1.67%	0.222%
79	19.074	2715	2718	2723	rBV	317723	342644	2.01%	0.268%
80	19.245	2743	2747	2751	rBV4	179240	347579	2.04%	0.272%
81	19.316	2754	2759	2767	rVV2	920545	1806595	10.62%	1.412%
82	19.439	2775	2780	2789	rBV	782385	1563978	9.19%	1.223%
83	19.521	2790	2794	2801	rVV	1084510	1524453	8.96%	1.192%
84	19.674	2818	2820	2824	rVB	289429	287908	1.69%	0.225%
85	19.898	2848	2858	2865	rBV	11436647	17012082	100.00%	13.298%
86	19.998	2871	2875	2878	rBV2	312141	531204	3.12%	0.415%
87	20.086	2887	2890	2894	rVB	262553	371076	2.18%	0.290%
88	20.233	2913	2915	2919	rVB	504530	434729	2.56%	0.340%
89	20.627	2978	2982	2990	rVB	3454352	3977283	23.38%	3.109%
90	21.245	3084	3087	3091	rBV3	376493	667692	3.92%	0.522%
91	21.604	3144	3148	3154	rVB	1997028	3250664	19.11%	2.541%
92	24.974	3713	3721	3731	rVB	1210917	3337811	19.62%	2.609%

Sum of corrected areas: 127931783

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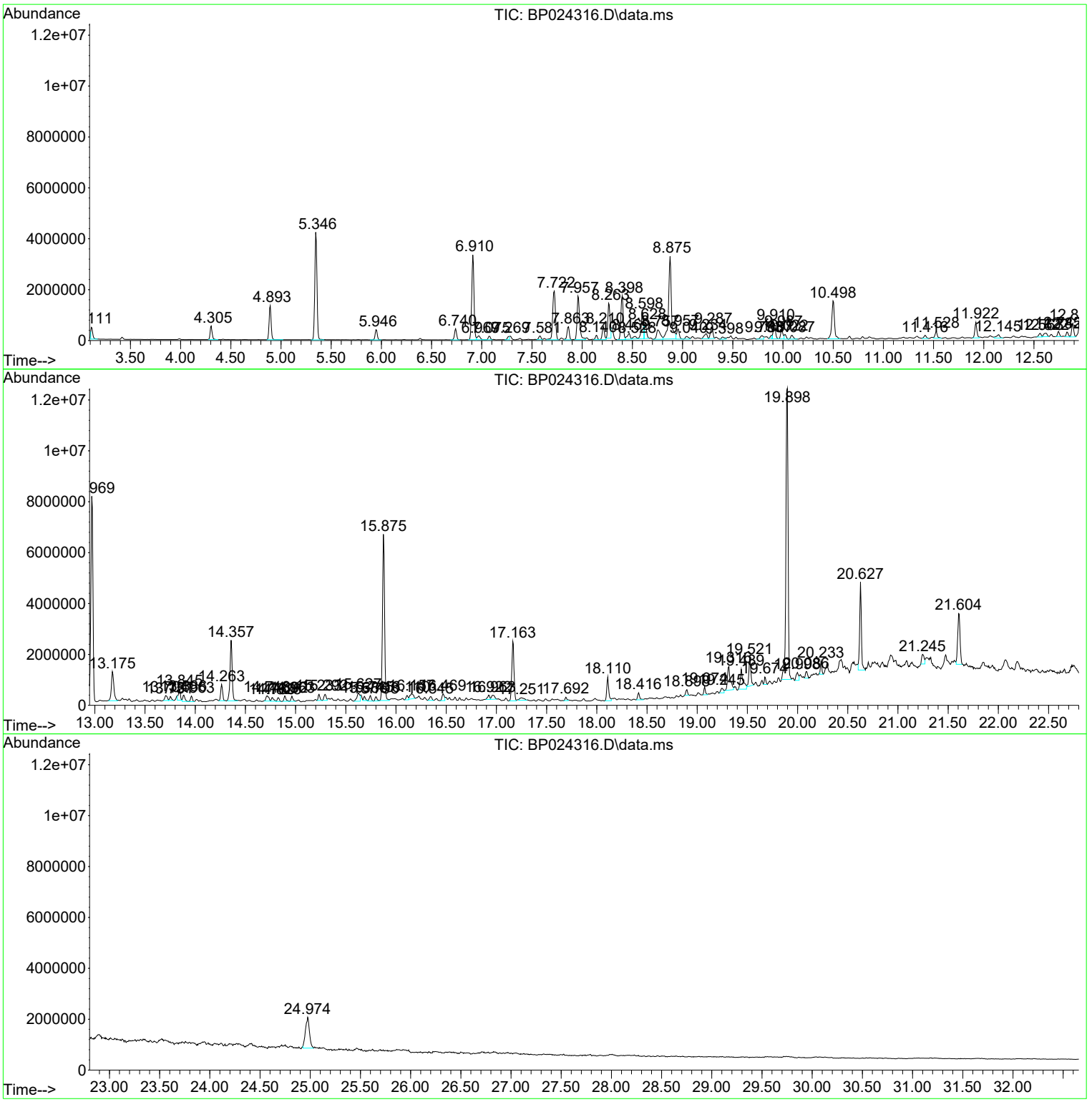
Sample : Q1791-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
280791

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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\BP041625\
Data File : BP024316.D
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Operator : RC/JU
Sample : Q1791-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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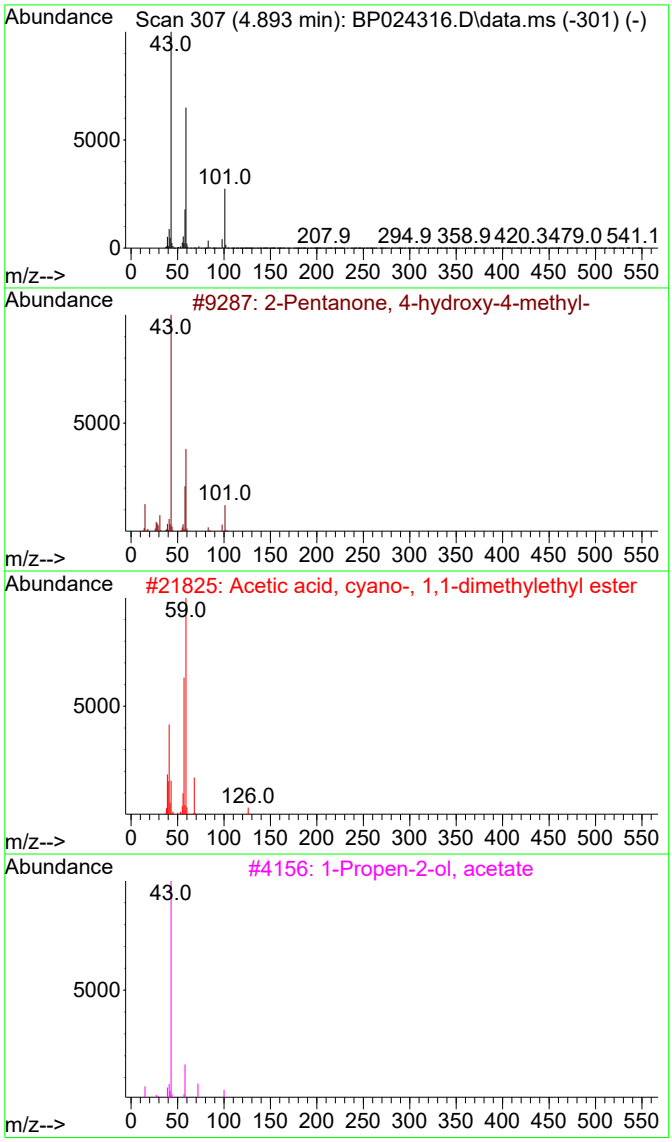
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

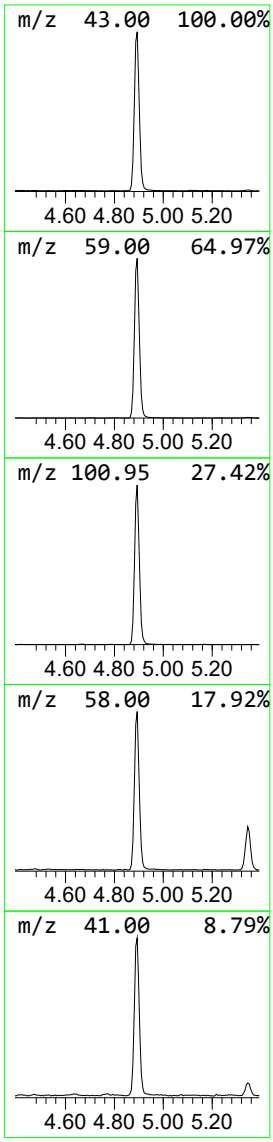
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.893	10.61 ng	1912540	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Propanamide, N-ethyl-	101	C5H11NO	005129-72-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024316.D
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Operator : RC/JU
Sample : Q1791-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
280791

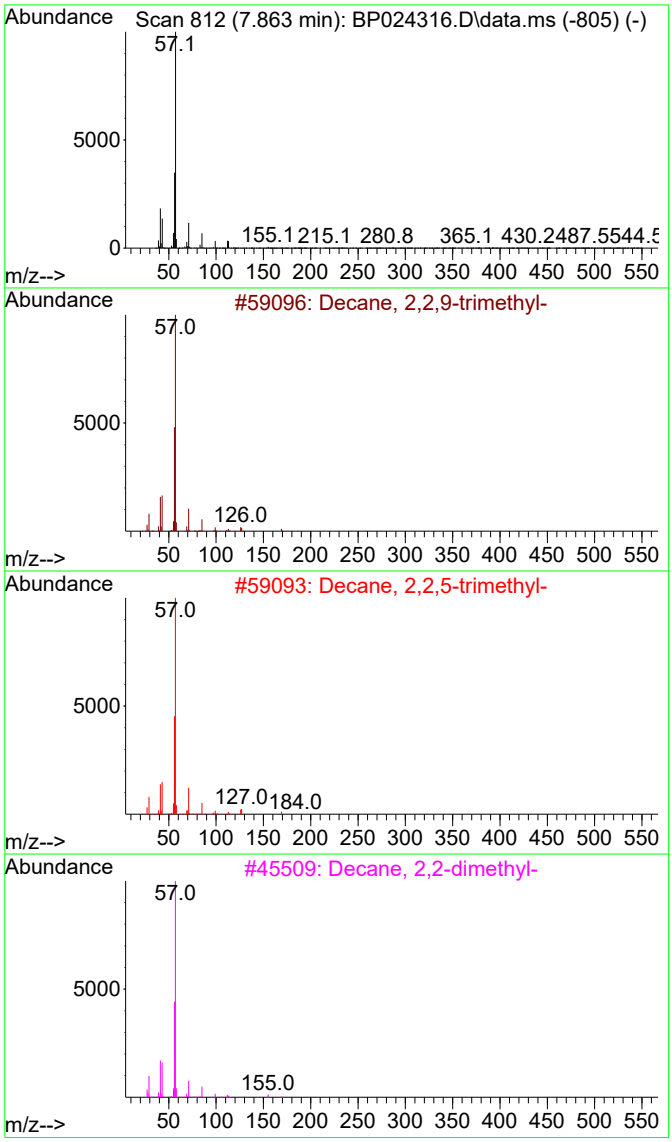
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

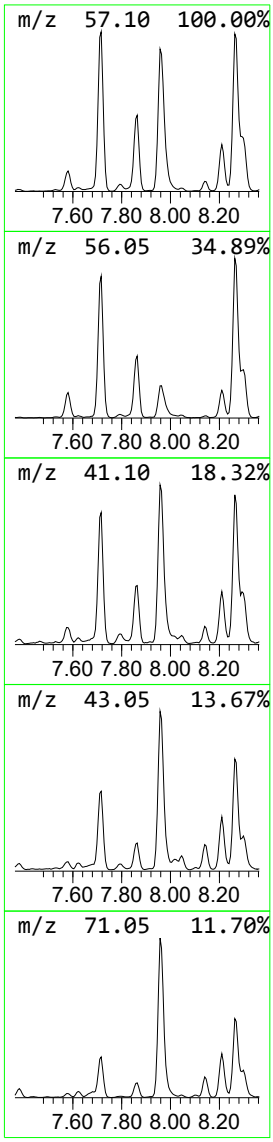
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Decane, 2,2,9-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.863	4.40 ng	793254	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,2,9-trimethyl-	184	C13H28	062238-00-0	78
2	Decane, 2,2,5-trimethyl-	184	C13H28	062237-96-1	78
3	Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	78
4	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	78
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	78





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Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

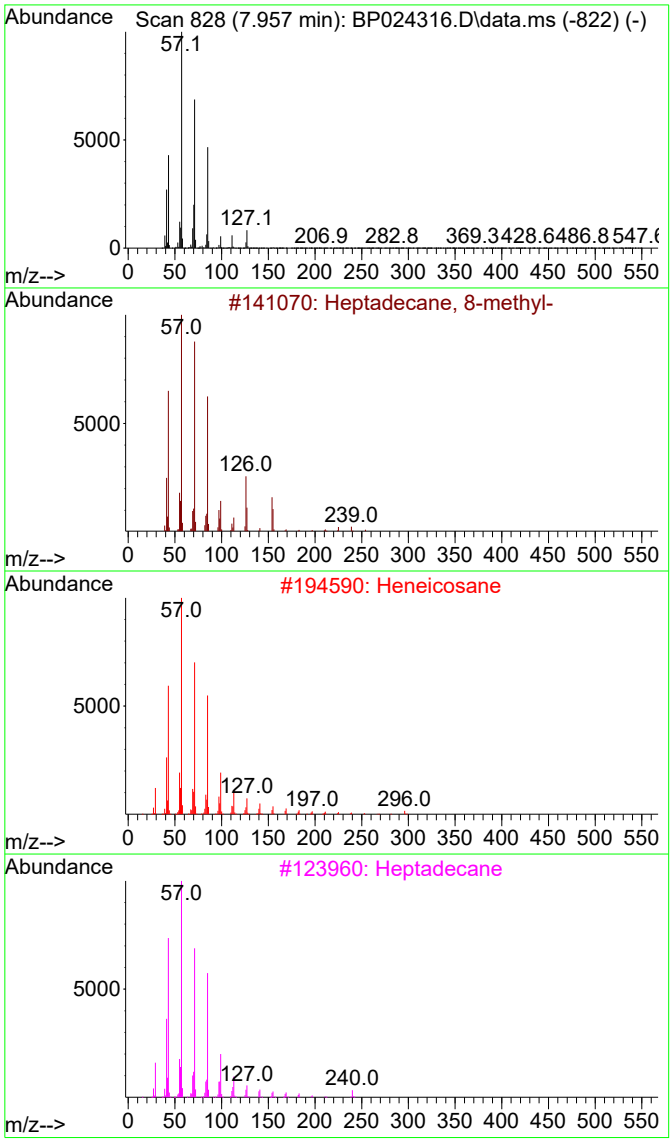
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

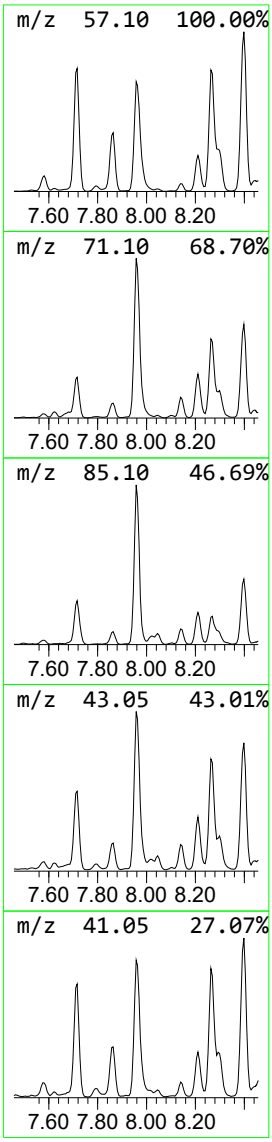
****

Peak Number 3 Heptadecane, 8-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.957	16.87 ng	3041090	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	72
2	Heneicosane	296	C21H44	000629-94-7	72
3	Heptadecane	240	C17H36	000629-78-7	64
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Decane, 3-methyl-	156	C11H24	013151-34-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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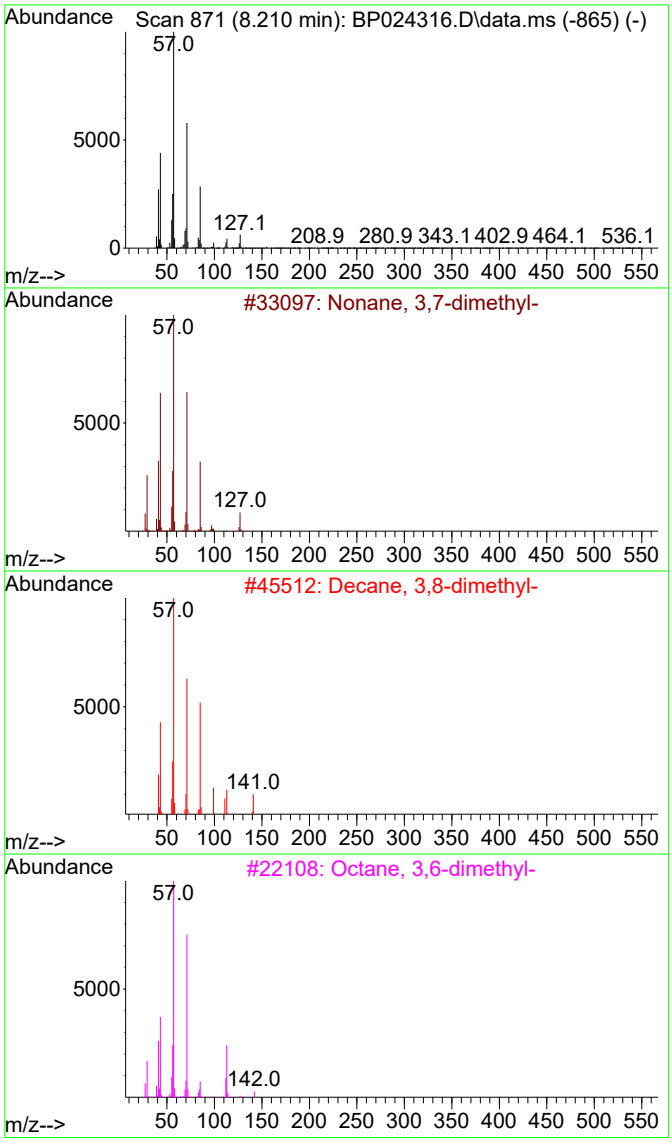
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

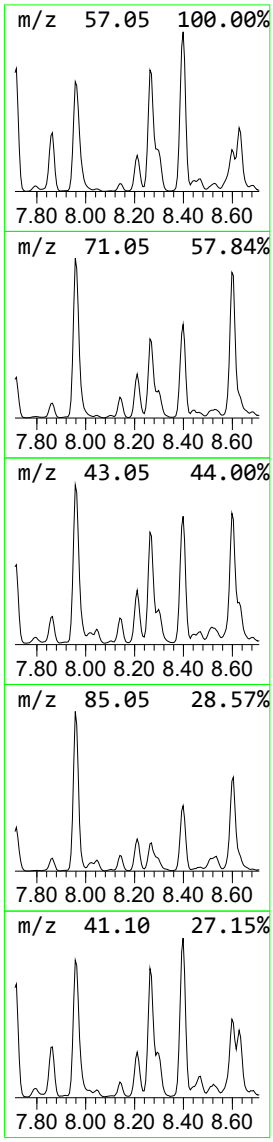
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Nonane, 3,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.210	4.44 ng	801139	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	78
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	78
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024316.D
Acq On : 16 Apr 2025 17:57
Operator : RC/JU
Sample : Q1791-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
280791

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

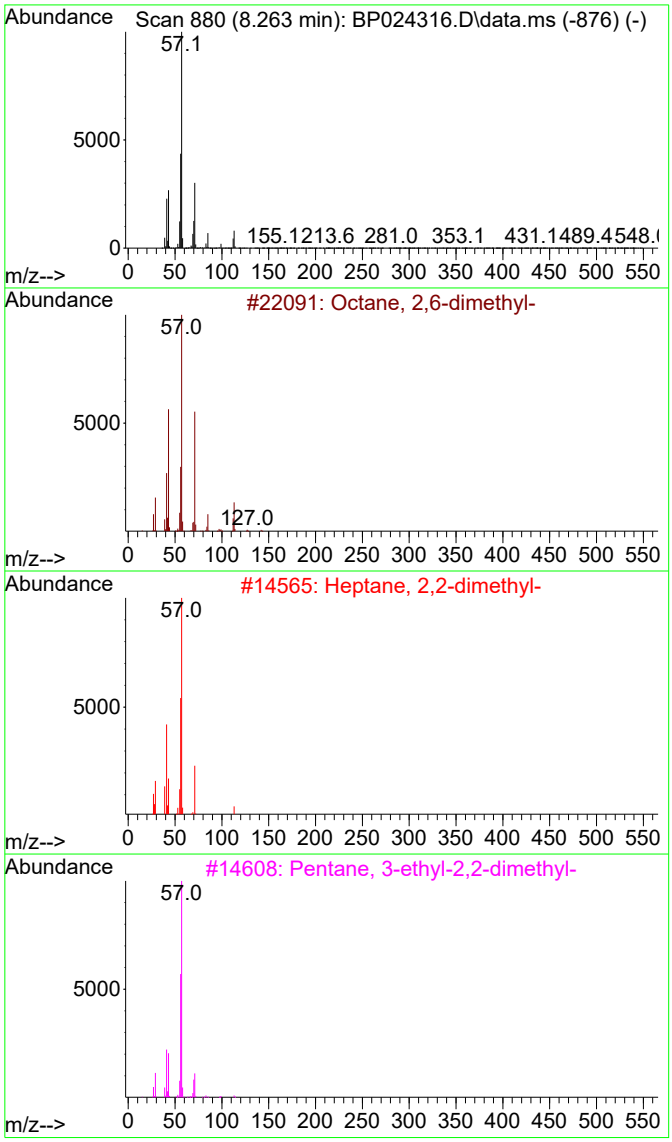
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

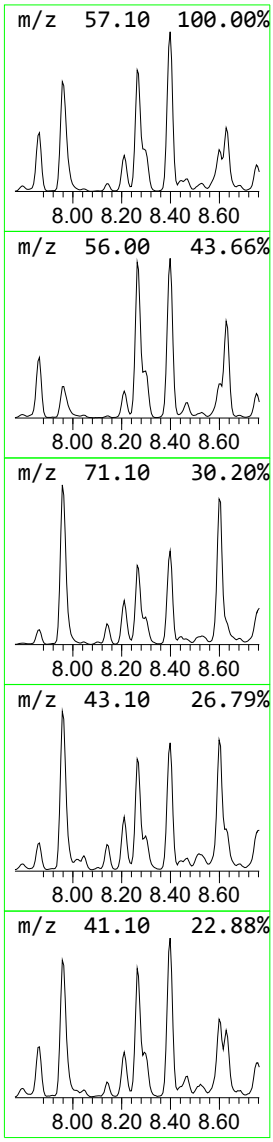
****

Peak Number 5 Octane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.263	11.70 ng	2109770	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
2	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	59
3	Pentane, 3-ethyl-2,2-dimethyl-	128	C9H20	016747-32-3	53
4	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	47
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024316.D
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Operator : RC/JU
Sample : Q1791-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
280791

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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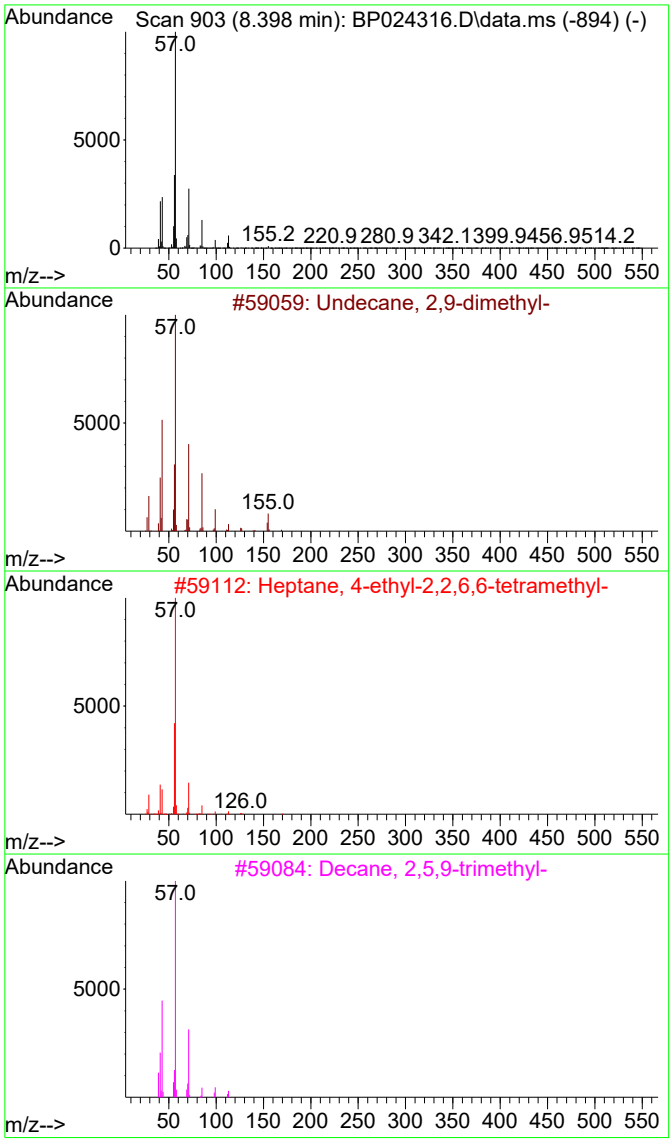
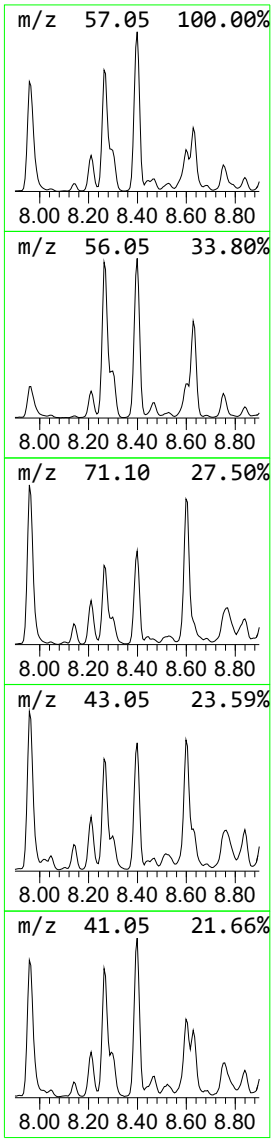
Peak Number 6 Undecane, 2,9-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.398	14.99 ng	2703060	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72
2	Heptane, 4-ethyl-2,2,6,6-tetrame...	184	C13H28	062108-31-0	64
3	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	59
4	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	53
5	Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	53





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Operator : RC/JU
Sample : Q1791-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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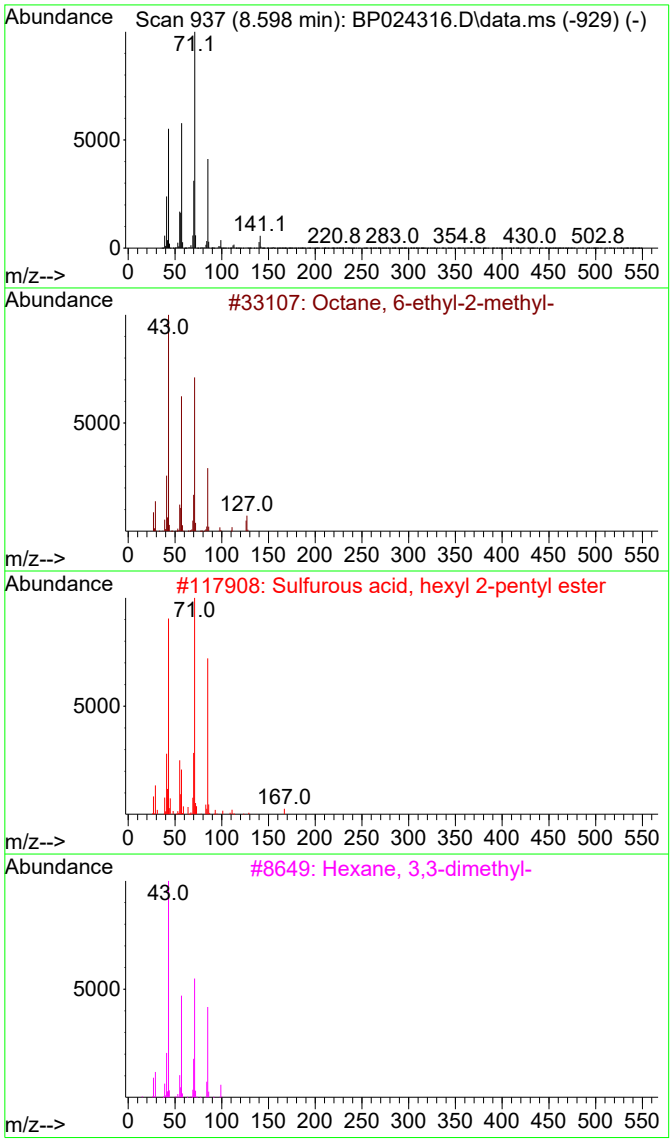
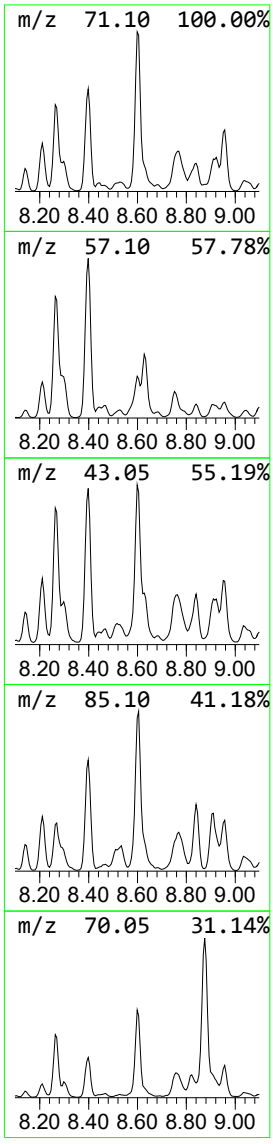
Peak Number 7 Octane, 6-ethyl-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.598	9.62 ng	1733790	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	72
2	Sulfurous acid, hexyl 2-pentyl e...	236	C11H24O3S	1000309-15-6	72
3	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	72
4	Oxalic acid, hexyl neopentyl ester	244	C13H24O4	1000309-73-1	72
5	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	72





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ClientSampleId :
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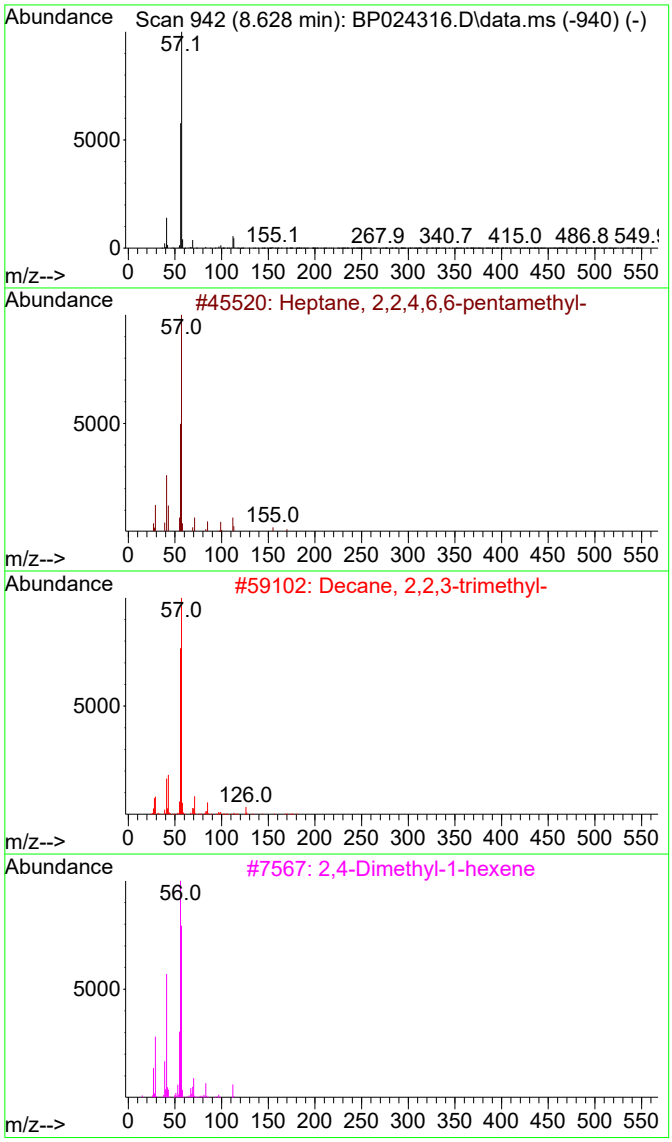
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

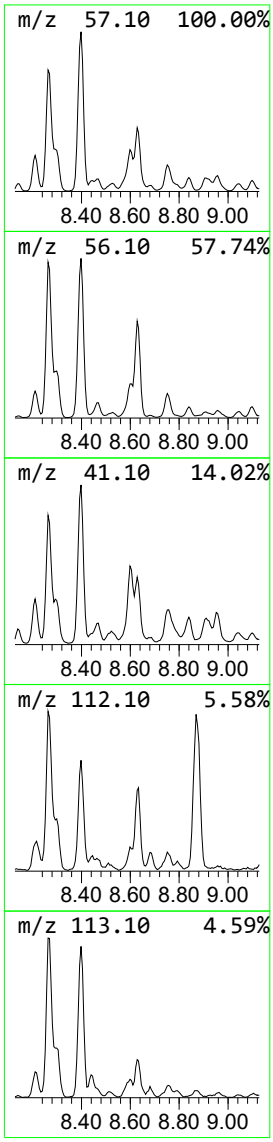
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Heptane, 2,2,4,6,6-pentamet... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.628	4.72 ng	850241	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	72
2	Decane, 2,2,3-trimethyl-	184	C13H28	062338-09-4	39
3	2,4-Dimethyl-1-hexene	112	C8H16	016746-87-5	38
4	1-Pentene, 2,4,4-trimethyl-	112	C8H16	000107-39-1	9
5	Methane, isocyanato-	57	C2H3NO	000624-83-9	9





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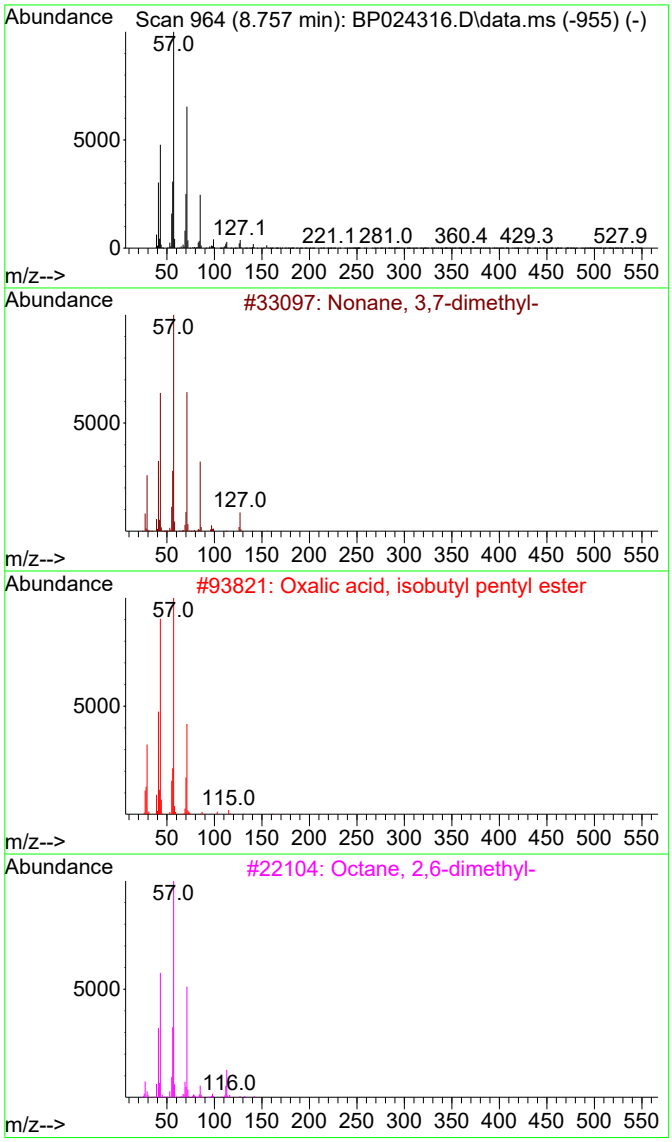
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

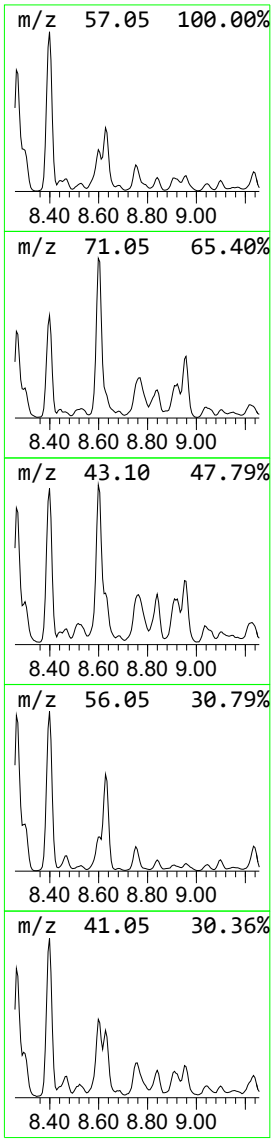
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Oxalic acid, isobutyl penty... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.757	5.50 ng	990749	1,4-Dichlorobenzene-d4	7.728

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	68
2	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	59
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
4	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	50
5	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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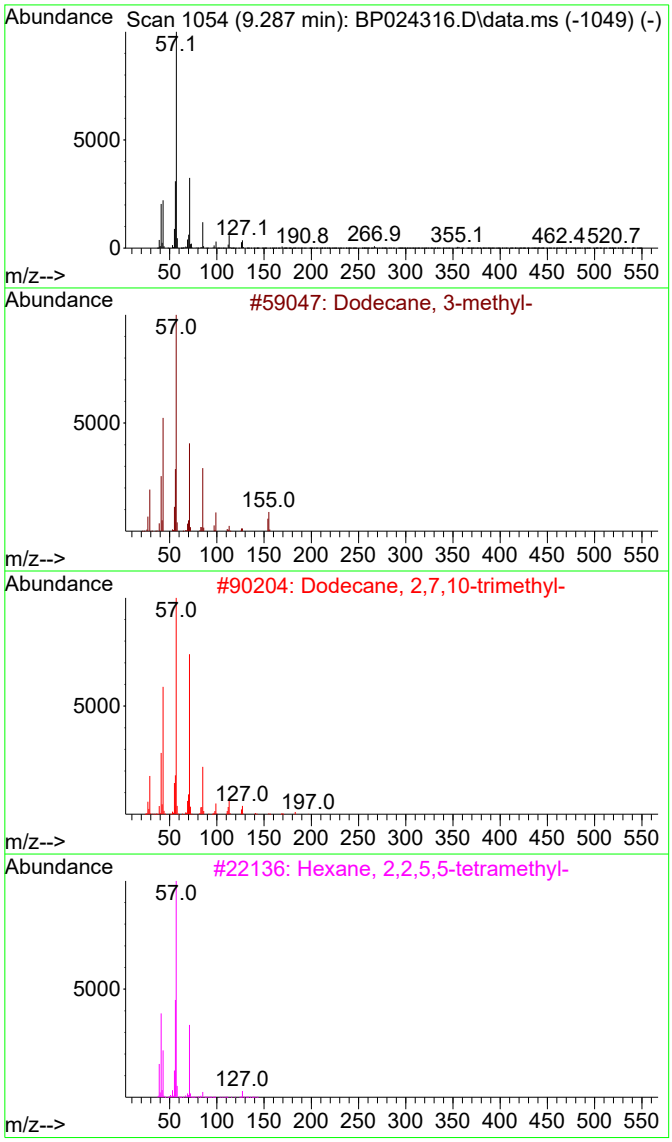
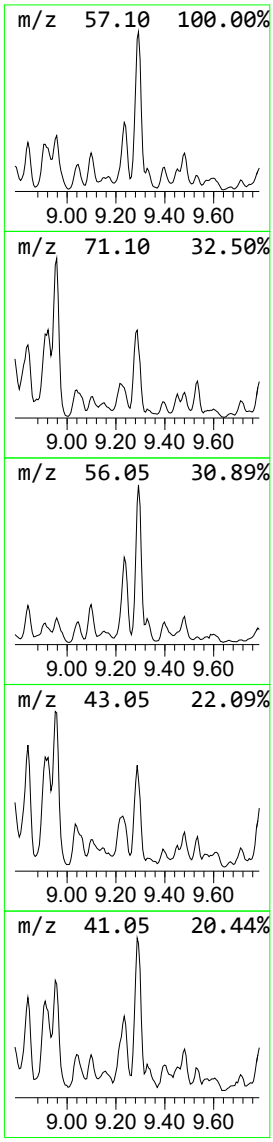
Peak Number 10 Dodecane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.287	5.45 ng	760775	Naphthalene-d8	10.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	59
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	59
3	Hexane, 2,2,5,5-tetramethyl-	142	C10H22	001071-81-4	53
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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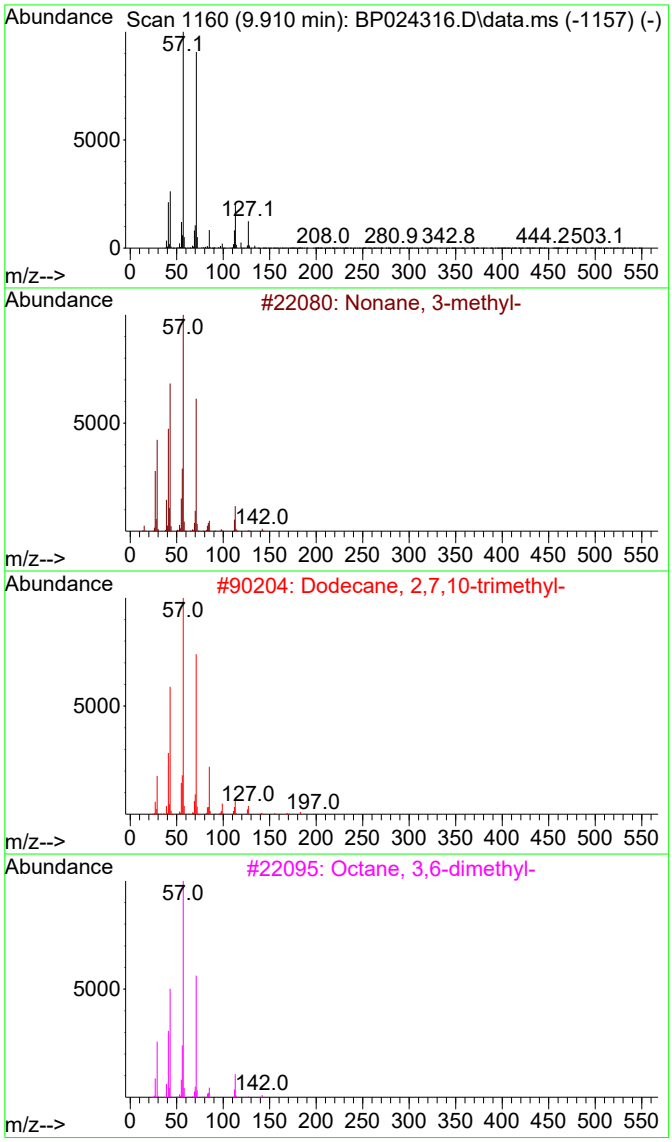
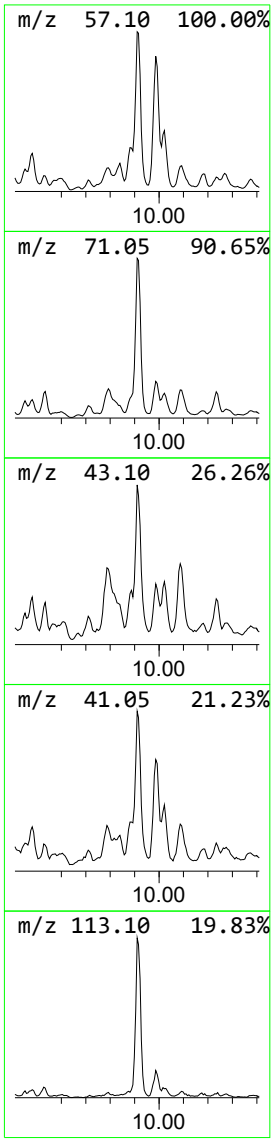
Peak Number 11 Nonane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.910	6.73 ng	939205	Naphthalene-d8	10.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	64
5	Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	56





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

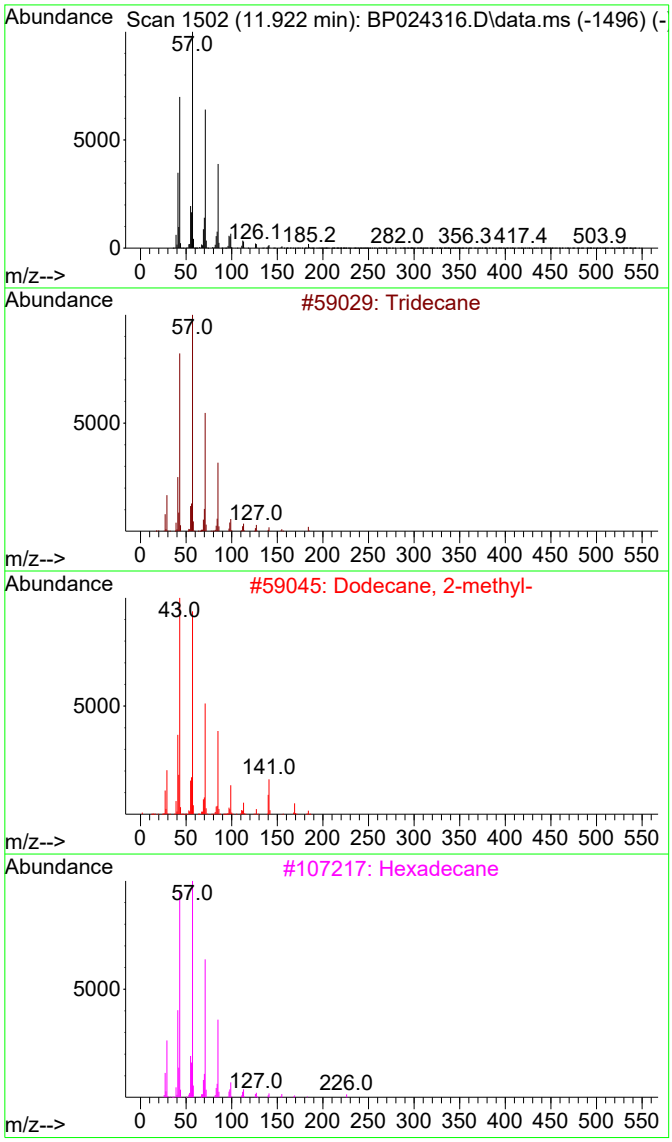
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

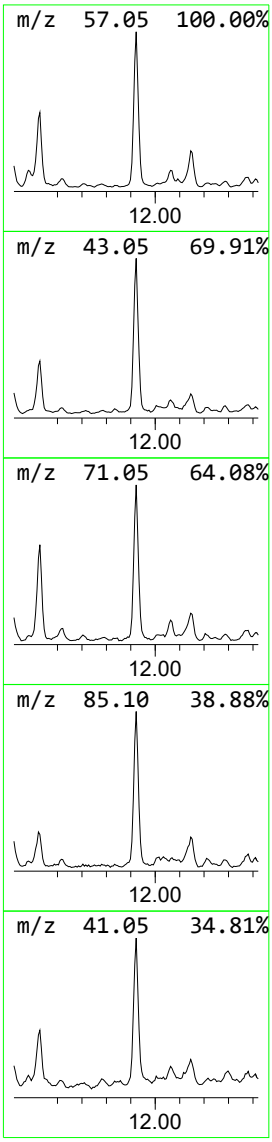
****

Peak Number 12 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.922	6.28 ng	877325	Naphthalene-d8	10.498

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	91
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
3	Hexadecane	226	C16H34	000544-76-3	78
4	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5	Dodecane	170	C12H26	000112-40-3	78





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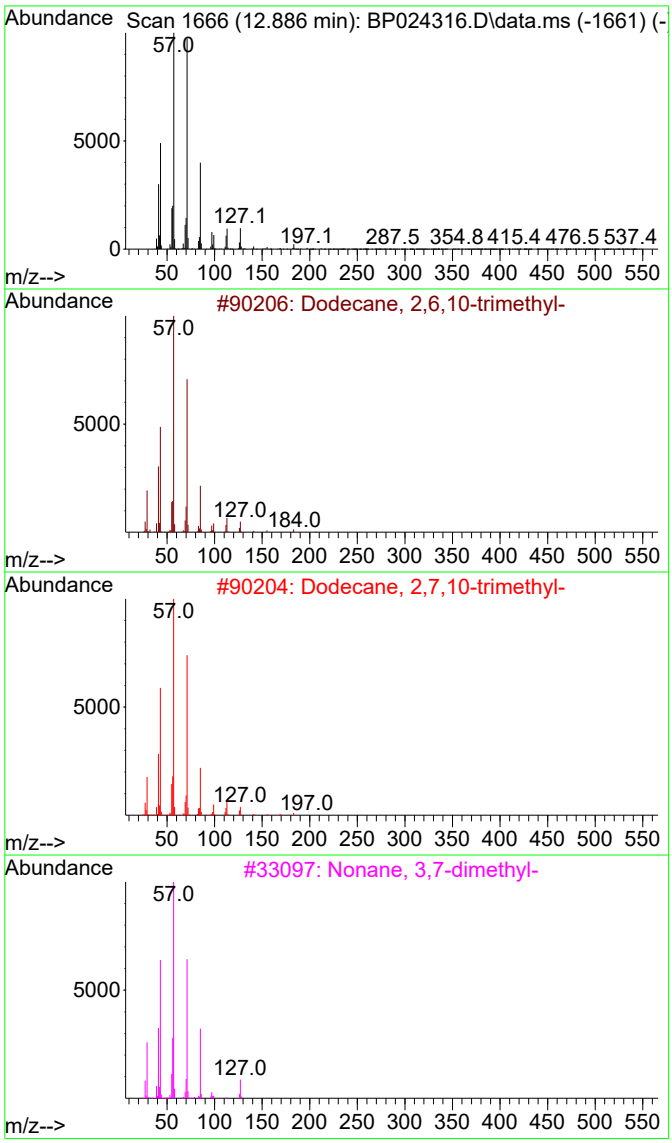
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

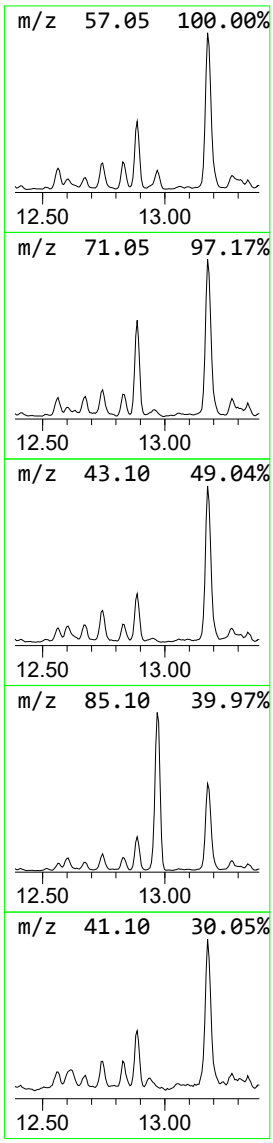
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Dodecane, 2,6,10-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.887	4.20 ng	740335	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	76
4	Nonane, 5-methyl-5-propyl-	184	C13H28	017312-75-3	53
5	Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	50





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TIC Library : C:\Database\NIST20.L
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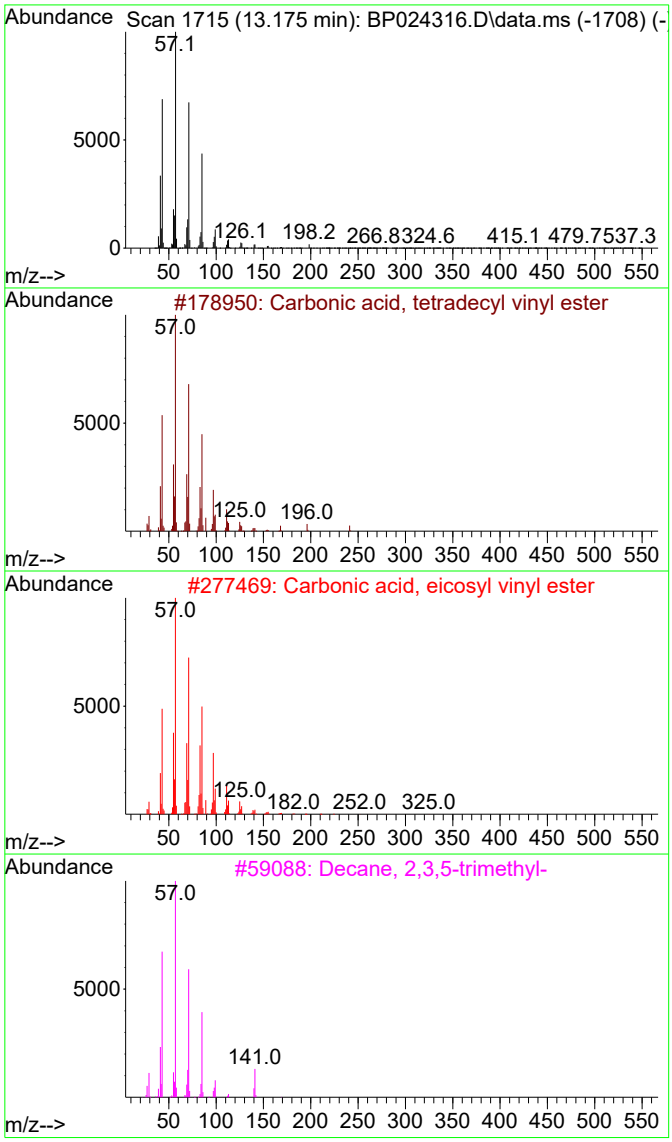
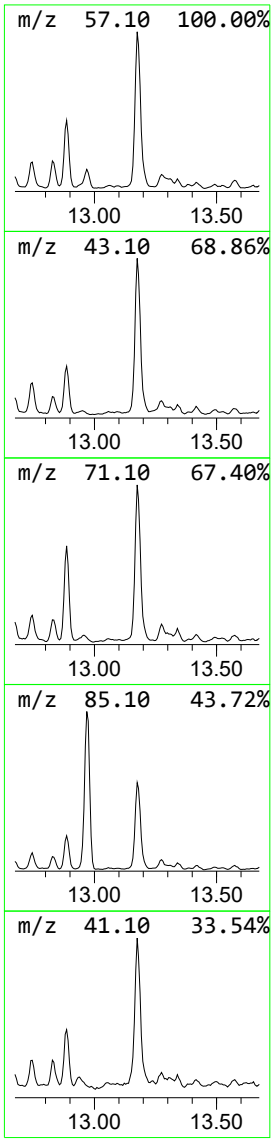
****
Peak Number 14 Carbonic acid, tetradecyl v... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.175	11.08 ng	1952680	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, tetradecyl vinyl ...	284	C17H32O3	1000382-54-5	90
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	86
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Hexadecane	226	C16H34	000544-76-3	72





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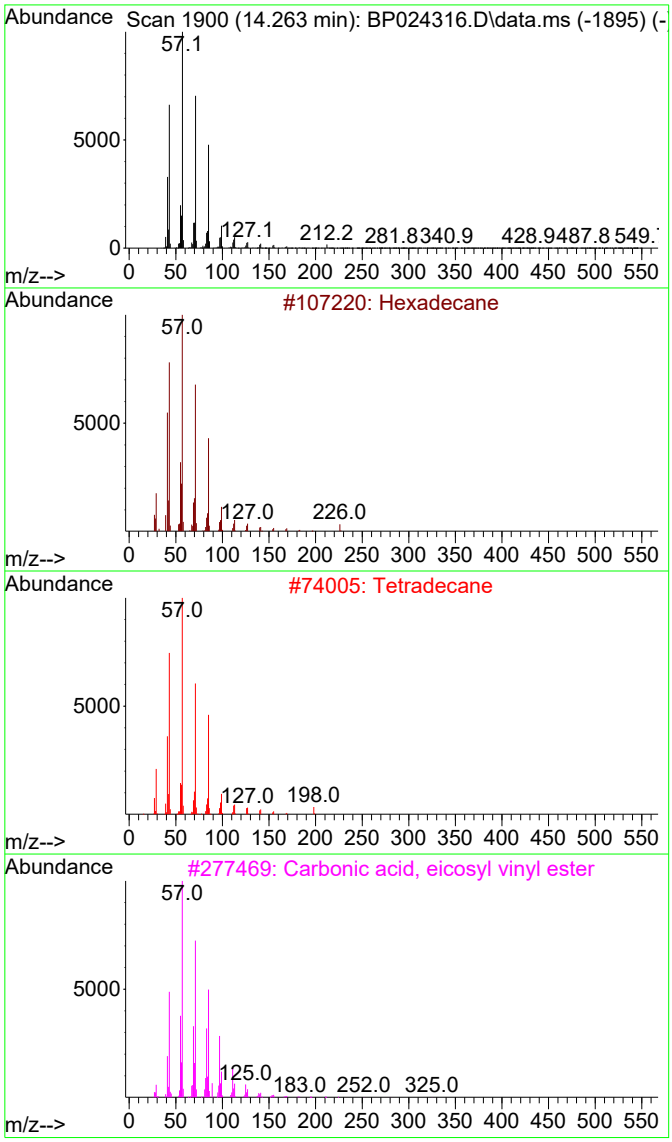
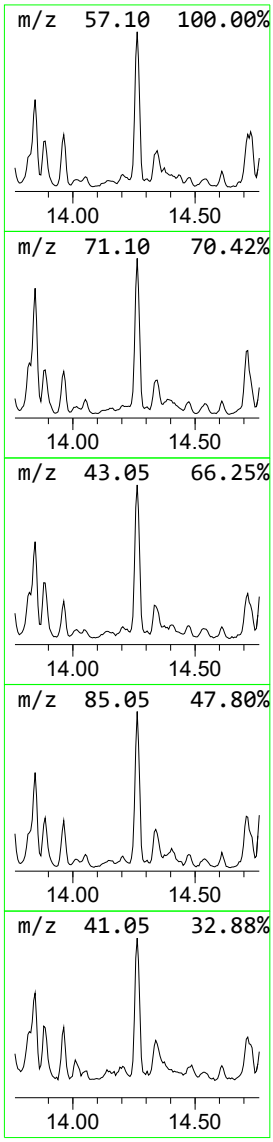
Peak Number 15 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.263	4.76 ng	838785	Acenaphthene-d10	14.357

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	91
3	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Nonadecane	268	C19H40	000629-92-5	87





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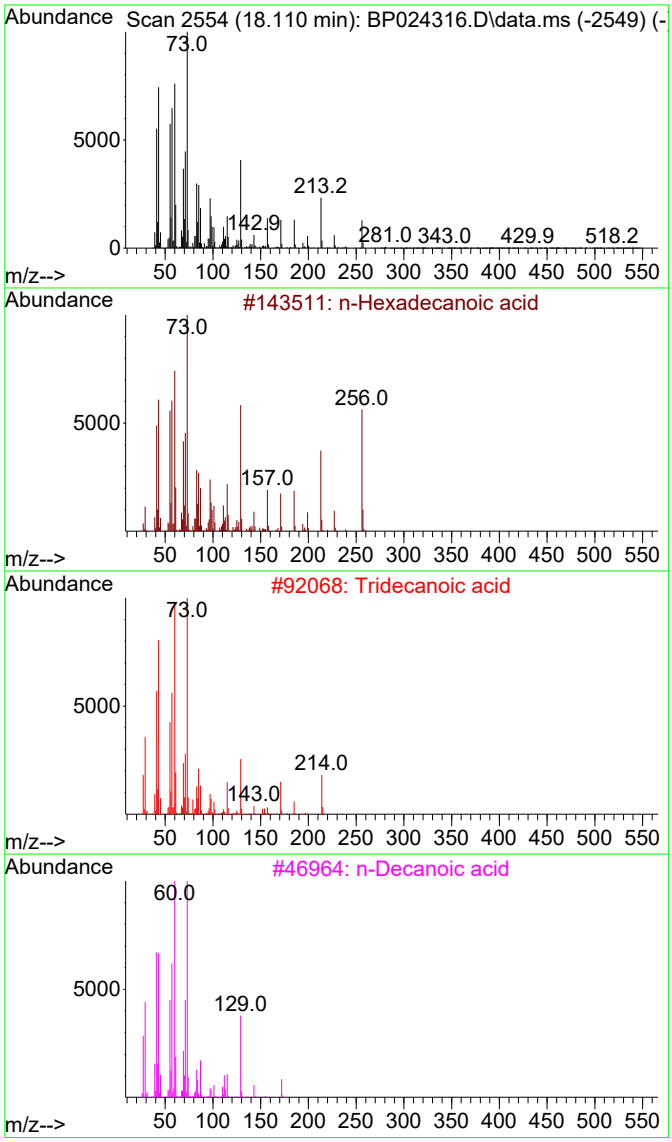
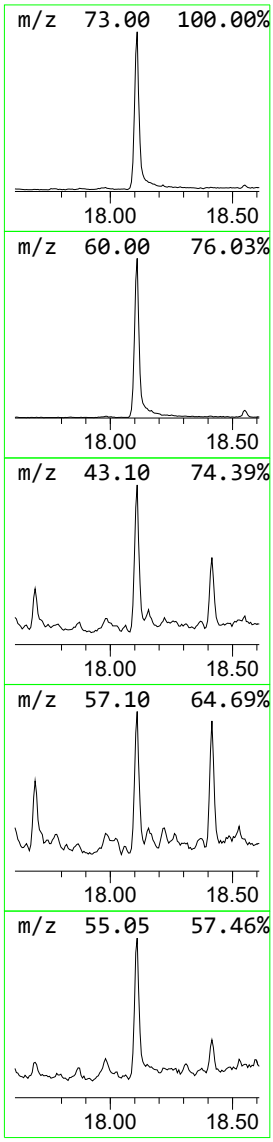
****
Peak Number 16 n-Hexadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.110	7.45 ng	1287150	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	n-Decanoic acid	172	C10H20O2	000334-48-5	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	62





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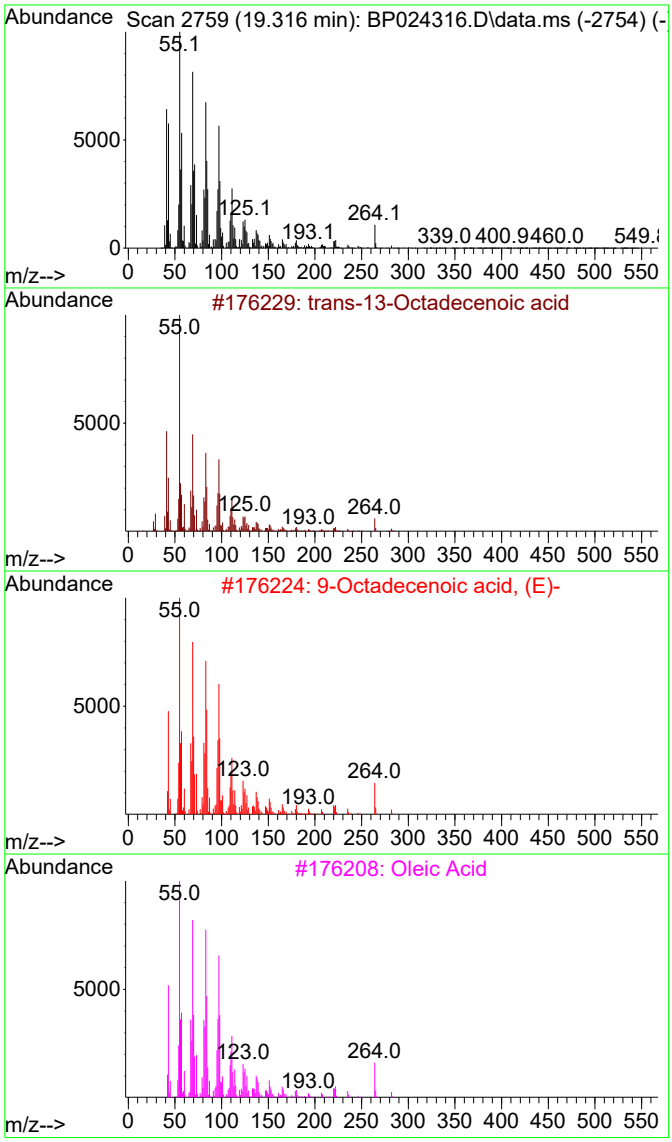
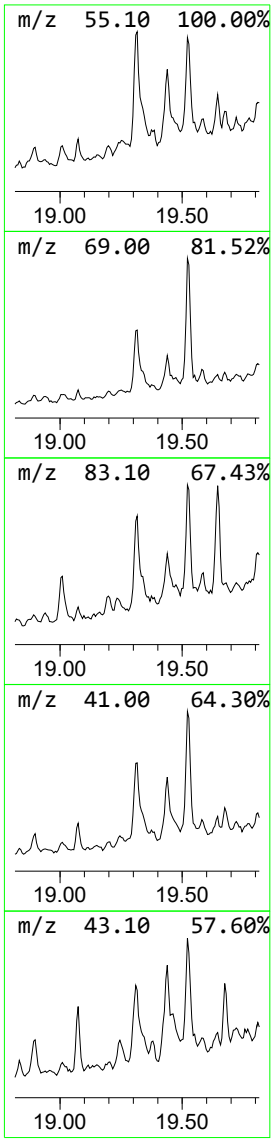
Peak Number 17 trans-13-Octadecenoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.316	10.45 ng	1806600	Phenanthrene-d10	17.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-13-Octadecenoic acid	282	C18H34O2	000693-71-0	95
2	9-Octadecenoic acid, (E)-	282	C18H34O2	000112-79-8	95
3	Oleic Acid	282	C18H34O2	000112-80-1	93
4	9-Octadecenoic acid	282	C18H34O2	002027-47-6	90
5	Cetene	224	C16H32	000629-73-2	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024316.D
Acq On : 16 Apr 2025 17:57
Operator : RC/JU
Sample : Q1791-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
280791

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

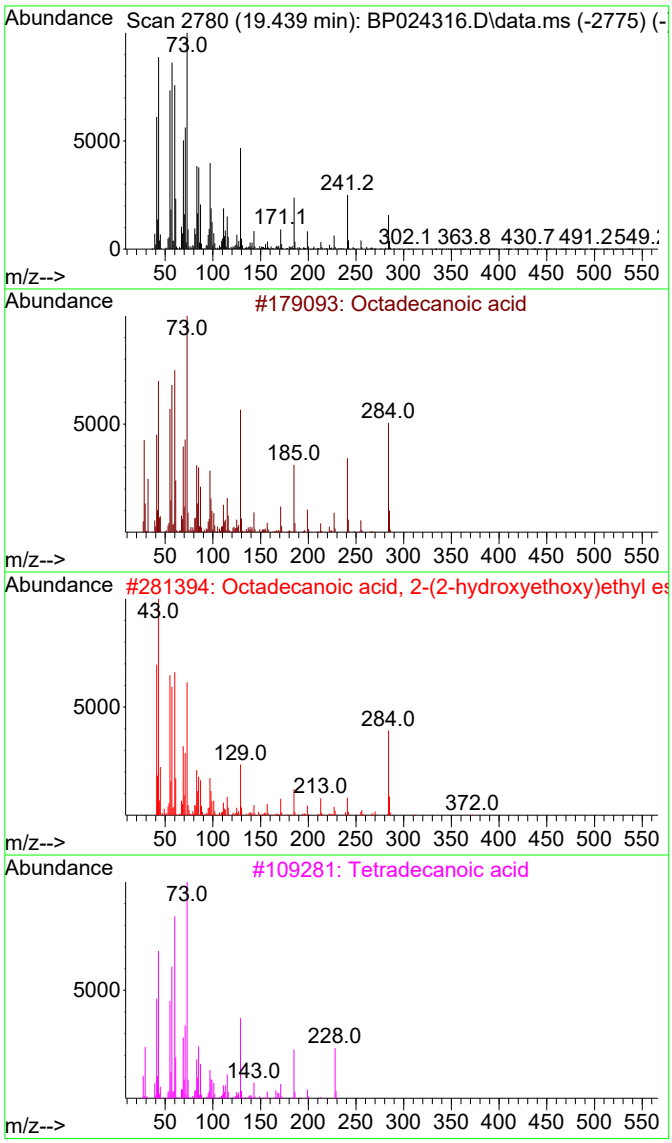
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

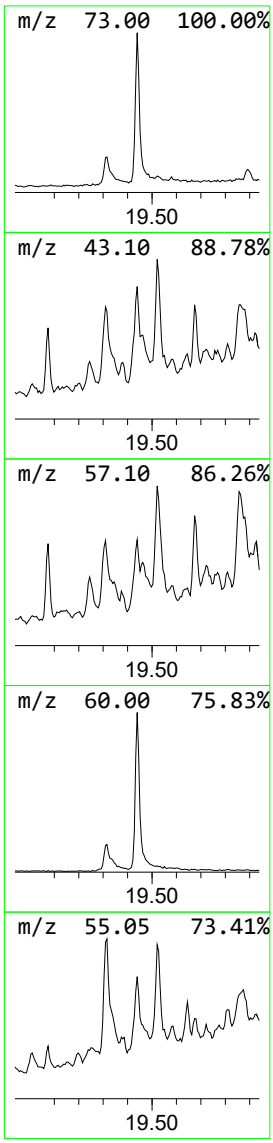
****

Peak Number 18 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.439	9.62 ng	1563980	Chrysene-d12	21.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	52
5	Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024316.D
Acq On : 16 Apr 2025 17:57
Operator : RC/JU
Sample : Q1791-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
280791

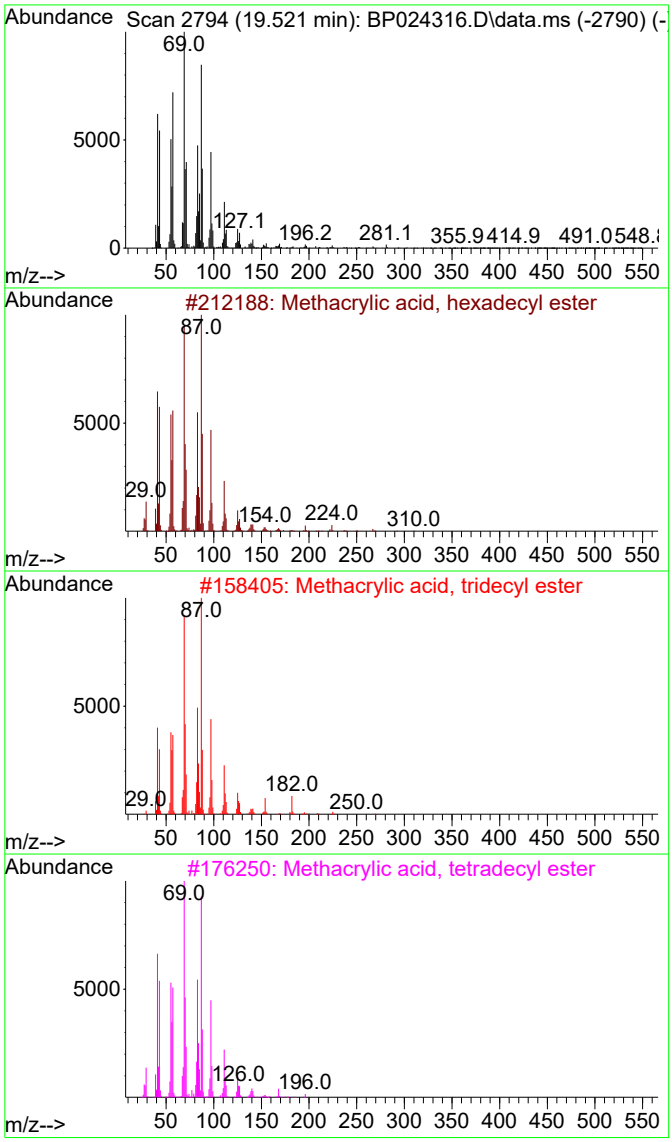
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

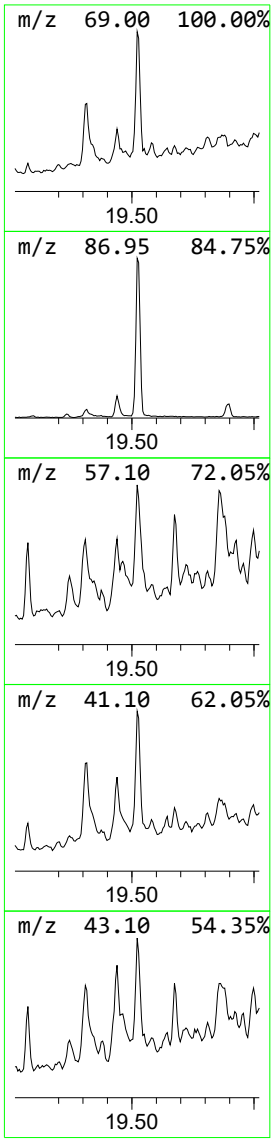
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Methacrylic acid, hexadecyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.521	9.38 ng	1524450	Chrysene-d12	21.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylic acid, hexadecyl ester	310	C20H38O2	1000340-29-2	90
2	Methacrylic acid, tridecyl ester	268	C17H32O2	1000340-28-9	81
3	Methacrylic acid, tetradecyl ester	282	C18H34O2	1000340-29-0	80
4	Cetene	224	C16H32	000629-73-2	72
5	Methacrylic acid, heptadecyl ester	324	C21H40O2	1010340-29-3	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024316.D
Acq On : 16 Apr 2025 17:57
Operator : RC/JU
Sample : Q1791-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
280791

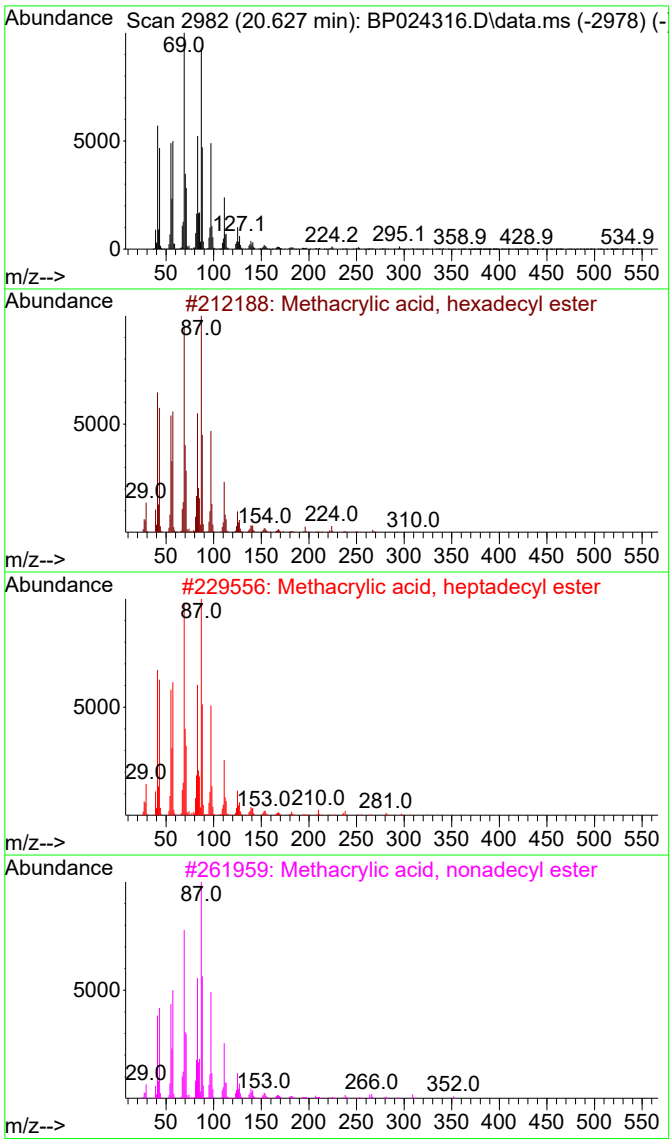
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

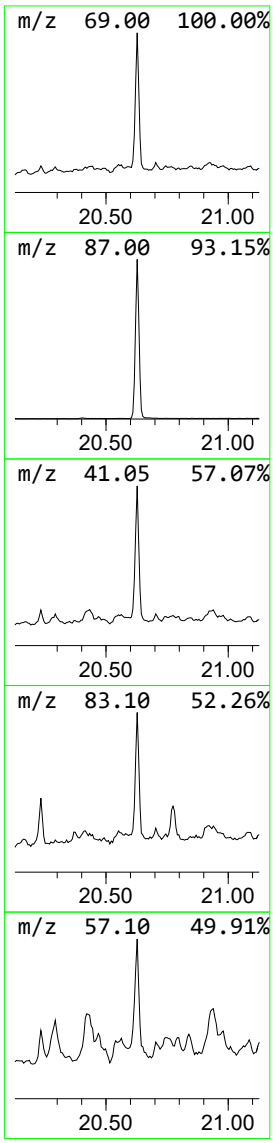
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Methacrylic acid, heptadecy... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.627	24.47 ng	3977280	Chrysene-d12	21.604

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylic acid, hexadecyl ester	310	C20H38O2	1000340-29-2	91
2	Methacrylic acid, heptadecyl ester	324	C21H40O2	1010340-29-3	91
3	Methacrylic acid, nonadecyl ester	352	C23H44O2	1000340-29-5	81
4	Octadecyl methacrylate	338	C22H42O2	000112-08-3	74
5	n-Dodecyl methacrylate	254	C16H30O2	000142-90-5	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041625\
Data File : BP024316.D
Acq On : 16 Apr 2025 17:57
Operator : RC/JU
Sample : Q1791-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
280791

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.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
2-Pentanone, 4-...	4.893	10.6	ng	1912540	1	7.728	3605690	20.0
Decane, 2,2,9-t...	7.863	4.4	ng	793254	1	7.728	3605690	20.0
Heptadecane, 8-...	7.957	16.9	ng	3041090	1	7.728	3605690	20.0
Nonane, 3,7-dim...	8.210	4.4	ng	801139	1	7.728	3605690	20.0
Octane, 2,6-dim...	8.263	11.7	ng	2109770	1	7.728	3605690	20.0
Undecane, 2,9-d...	8.398	15.0	ng	2703060	1	7.728	3605690	20.0
Octane, 6-ethyl...	8.598	9.6	ng	1733790	1	7.728	3605690	20.0
Heptane, 2,2,4,...	8.628	4.7	ng	850241	1	7.728	3605690	20.0
Oxalic acid, is...	8.757	5.5	ng	990749	1	7.728	3605690	20.0
Dodecane, 3-met...	9.287	5.5	ng	760775	2	10.498	2792450	20.0
Nonane, 3-methyl-	9.910	6.7	ng	939205	2	10.498	2792450	20.0
Tridecane	11.922	6.3	ng	877325	2	10.498	2792450	20.0
Dodecane, 2,6,1...	12.887	4.2	ng	740335	3	14.357	3524310	20.0
Carbonic acid, ...	13.175	11.1	ng	1952680	3	14.357	3524310	20.0
Hexadecane	14.263	4.8	ng	838785	3	14.357	3524310	20.0
n-Hexadecanoic ...	18.110	7.5	ng	1287150	4	17.163	3456080	20.0
trans-13-Octade...	19.316	10.4	ng	1806600	4	17.163	3456080	20.0
Octadecanoic acid	19.439	9.6	ng	1563980	5	21.604	3250660	20.0
Methacrylic aci...	19.521	9.4	ng	1524450	5	21.604	3250660	20.0
Methacrylic aci...	20.627	24.5	ng	3977280	5	21.604	3250660	20.0