LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010322\
Data File : BF126463.D
Acq On : 3 Jan 2022 18:58
Operator : JU/CG
Sample : M5257-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D3-12292021

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_F\Methods\8270-BF122921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF126463.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.928	474	483	491	rBV3	66842	173568	2.09%	0.136%
2	5.204	525	530	533	rBV	362291	361885	4.36%	0.285%
3	5.292	543	545	547	rVV	297805	238167	2.87%	0.187%
4	5.404	554	564	568	rBV3	1201839	2192200	26.44%	1.724%
5	5.487	576	578	583	rVV	271569	235758	2.84%	0.185%
6	5.534	583	586	588	rVV	207029	173642	2.09%	0.137%
7	5.569	588	592	596	rVV3	482666	677573	8.17%	0.533%
8	5.610	596	599	602	rVV	1025239	978680	11.80%	0.770%
9	5.657	602	607	609	rVV2	625311	878099	10.59%	0.691%
10	5.675	609	610	613	rVV	290767	163275	1.97%	0.128%
11	5.710	613	616	622	rVB2	1252980	1258180	15.18%	0.989%
12	5.822	627	635	639	rBV3	1236683	1936037	23.35%	1.522%
13	5.875	639	644	647	rBV2	1144981	1726274	20.82%	1.358%
14	5.957	652	658	662	rVB2	2416455	2839038	34.24%	2.233%
15	6.010	662	667	669	rBV	1175983	1442944	17.40%	1.135%
16	6.057	671	675	681	rVV2	4394144	5820958	70.21%	4.577%
17	6.110	681	684	687	rVV2	2059523	2236215	26.97%	1.759%
18	6.139	687	689	692	rVV2	937798	1233759	14.88%	0.970%
19	6.169	692	694	696	rVV	690092	625862	7.55%	0.492%
20	6.192	696	698	701	rVB	640614	562979	6.79%	0.443%
21	6.245	701	707	710	rBV2	2612657	3374011	40.70%	2.653%
22	6.287	710	714	716	rVV3	1326544	1691791	20.41%	1.330%
23	6.310	716	718	720	rVV	3436306	2984154	35.99%	2.347%
24	6.339	720	723	725	rVV2	3240840	3788568	45.70%	2.979%
25	6.363	725	727	730	rVV3	1554384	1545397	18.64%	1.215%
26	6.398	730	733	736	rVV2	2424361	2788665	33.64%	2.193%
27	6.428	736	738	741	rVV2	1588143	1714329	20.68%	1.348%
28	6.457	741	743	745	rVV	1314686	1190745	14.36%	0.936%
29	6.481	745	747	750	rVV4	1552877	1835662	22.14%	1.444%
30	6.504	750	751	754	rVV2	898763	863003	10.41%	0.679%
31	6.551	754	759	763	rVV4	2376569	4720025	56.93%	3.712%
32	6.587	763	765	770	rVV3	1780139	2347276	28.31%	1.846%
33	6.651	770	776	781	rVV3	5367151	8290617	100.00%	6.520%
34	6.698	781	784	786	rVV3	709405	916443	11.05%	0.721%
35	6.745	786	792	795	rVV3	1410875	2962015	35.73%	2.329%
36	6.775	795	797	798	rVV2	1545124	1348762	16.27%	1.061%

LSC Area Percent Report

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Operator : JU/CG
Sample : M5257-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D3-12292021

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

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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.792	798	800	803	rVV2	2194732	3034754	36.60%	2.386%
38	6.828	803	806	809	rVV2	4332997	4473330	53.96%	3.518%
39	6.863	809	812	816	rVV3	2215250	3057192	36.88%	2.404%
40	6.904	816	819	820	rVV2	1009849	1178669	14.22%	0.927%
41	6.922	820	822	825	rVV	1704079	2257599	27.23%	1.775%
42	6.957	825	828	832	rVV2	3190665	3880993	46.81%	3.052%
43	6.986	832	833	836	rVV	865379	660413	7.97%	0.519%
44	7.010	836	837	839	rVV	387093	314547	3.79%	0.247%
45	7.039	839	842	844	rVV2	999833	1135202	13.69%	0.893%
46	7.081	846	849	852	rVV	2561849	2893237	34.90%	2.275%
47	7.116	852	855	858	rVV2	1751479	2160407	26.06%	1.699%
48	7.145	858	860	864	rVV2	1418921	1404909	16.95%	1.105%
49	7.198	865	869	872	rVV2	1871015	1970123	23.76%	1.549%
50	7.234	872	875	879	rVV5	285671	449749	5.42%	0.354%
51	7.269	879	881	883	rVV	295497	235522	2.84%	0.185%
52	7.292	883	885	887	rVB	365104	245234	2.96%	0.193%
53	7.339	887	893	894	rBV4	756990	1009822	12.18%	0.794%
54	7.357	894	896	898	rVV	702200	567266	6.84%	0.446%
55	7.381	898	900	901	rVV2	359750	271258	3.27%	0.213%
56	7.404	901	904	907	rVB	2334303	1885609	22.74%	1.483%
57	7.451	907	912	915	rVB5	667610	978778	11.81%	0.770%
58	7.486	915	918	920	rBV3	254652	353199	4.26%	0.278%
59	7.516	920	923	925	rVB3	316921	335318	4.04%	0.264%
60	7.586	932	935	936	rBV	272111	217004	2.62%	0.171%
61	7.686	949	952	953	rVV2	164375	178737	2.16%	0.141%
62	7.704	953	955	957	rVV	249040	218671	2.64%	0.172%
63	7.728	957	959	963	rVV3	181225	223220	2.69%	0.176%
64	7.769	963	966	969	rVV2	258322	307122	3.70%	0.242%
65	7.804	969	972	974	rVV	227264	205161	2.47%	0.161%
66	7.833	974	977	983	rVV4	218948	340382	4.11%	0.268%
67	7.881	983	985	987	rVV	211761	161997	1.95%	0.127%
68	8.081	1014	1019	1022	rVV2	1018629	1177209	14.20%	0.926%
69	9.157	1198	1202	1205	rBV	1038852	869967	10.49%	0.684%
70	9.757	1300	1304	1311	rVB2	461788	444534	5.36%	0.350%
71	9.833	1311	1317	1320	rBV	1013279	820652	9.90%	0.645%
72	10.475	1421	1426	1429	rBV	3400917	4132064	49.84%	3.249%
73	10.498	1429	1430	1435	rVB	309515	275999	3.33%	0.217%
74	10.645	1450	1455	1465	rBV2	182671	457186	5.51%	0.360%
75	11.186	1541	1547	1550	rBV	453055	385082	4.64%	0.303%
76	11.322	1566	1570	1572	rBV	939626	865887	10.44%	0.681%

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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

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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.345	1572	1574	1577	rVV	621028	477583	5.76%	0.376%
78	11.721	1634	1638	1641	rVB	282984	225779	2.72%	0.178%
79	11.933	1669	1674	1682	rBV3	243177	496893	5.99%	0.391%
80	12.016	1685	1688	1692	rVV	380117	388371	4.68%	0.305%
81	12.104	1701	1703	1707	rVV4	102473	160787	1.94%	0.126%
82	12.269	1727	1731	1734	rVB	1470819	1246254	15.03%	0.980%
83	12.533	1772	1776	1779	rVB	1447649	1209358	14.59%	0.951%
84	12.574	1780	1783	1789	rBV	334609	355766	4.29%	0.280%
85	12.627	1789	1792	1797	rVV5	122017	181689	2.19%	0.143%
86	12.680	1797	1801	1808	rVV5	113760	309694	3.74%	0.244%
87	12.763	1808	1815	1818	rVV	1145485	1354041	16.33%	1.065%
88	12.792	1818	1820	1828	rVB5	104937	174874	2.11%	0.138%
89	12.904	1836	1839	1845	rVB	1082038	1042328	12.57%	0.820%
90	13.086	1868	1870	1873	rVB	211173	205574	2.48%	0.162%
91	13.192	1884	1888	1891	rBV2	140099	158427	1.91%	0.125%
92	13.721	1973	1978	1979	rBV3	109263	160368	1.93%	0.126%
93	13.951	2013	2017	2020	rBV2	926823	1368868	16.51%	1.076%
94	13.980	2020	2022	2028	rVB	1029339	993289	11.98%	0.781%
95	14.986	2189	2193	2202	rVB	462505	860442	10.38%	0.677%
96	15.280	2240	2243	2249	rVB	280178	348869	4.21%	0.274%
97	15.339	2250	2253	2260	rBV	374862	428889	5.17%	0.337%
98	15.404	2260	2264	2267	rBV	349014	455728	5.50%	0.358%
99	16.092	2378	2381	2384	rBV3	115433	167191	2.02%	0.131%
100	16.821	2502	2505	2512	rVB2	153623	243488	2.94%	0.191%

Sum of corrected areas: 127165110

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010322\
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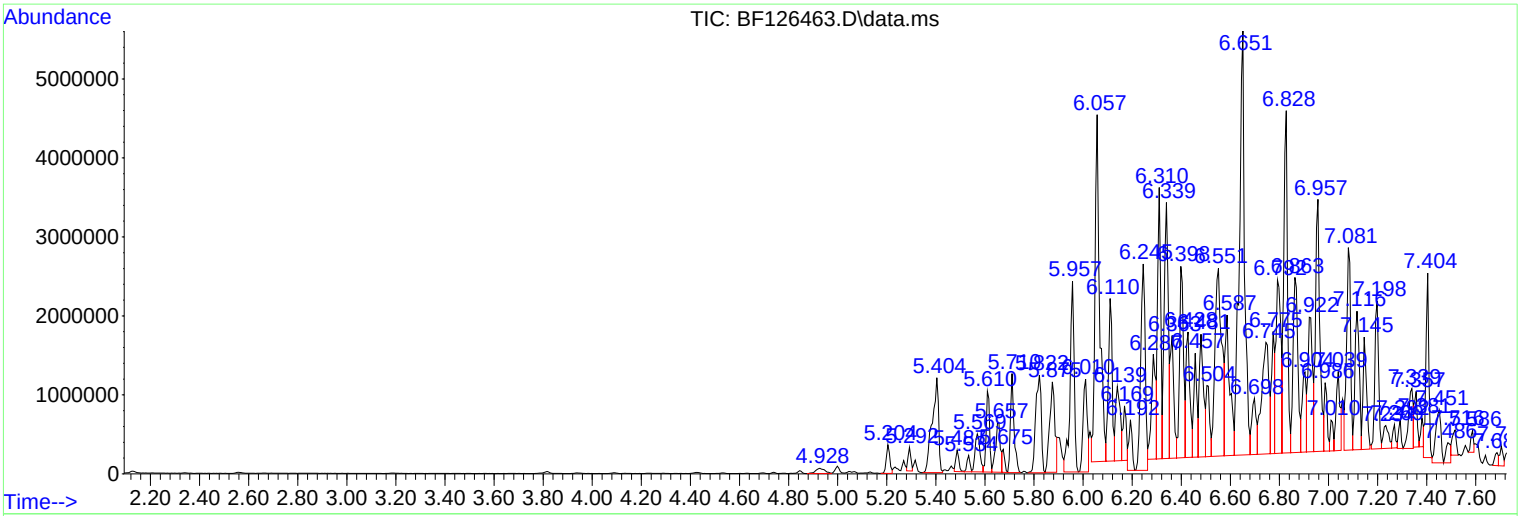
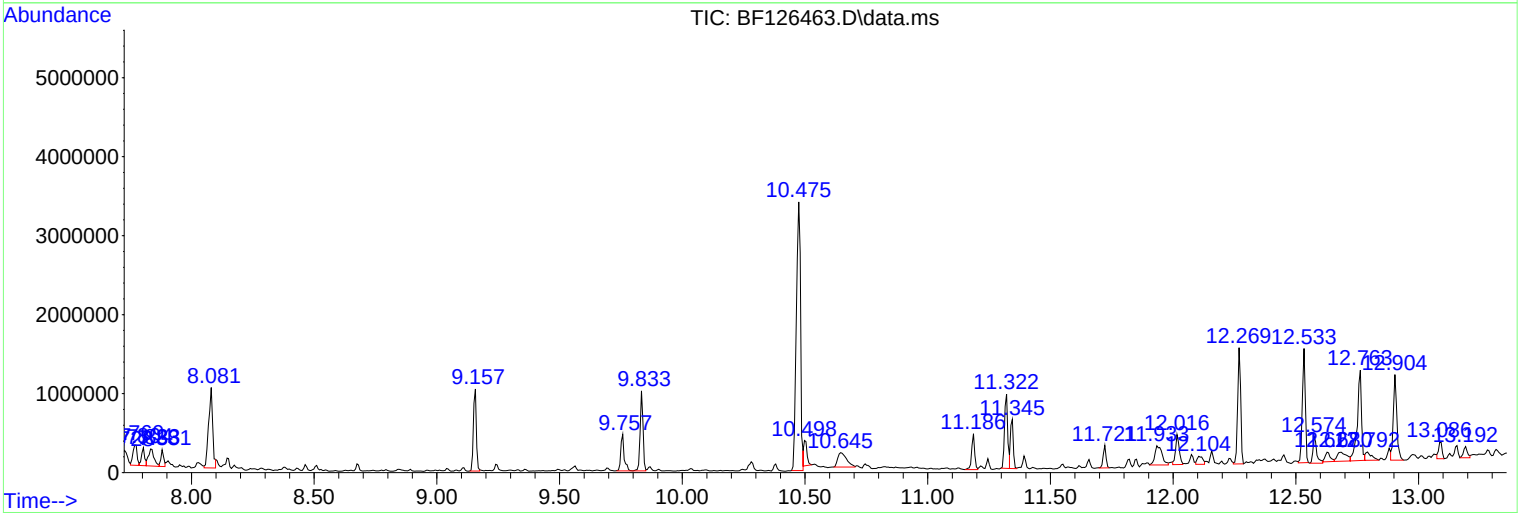
Misc :
ALS Vial : 19 Sample Multiplier: 1

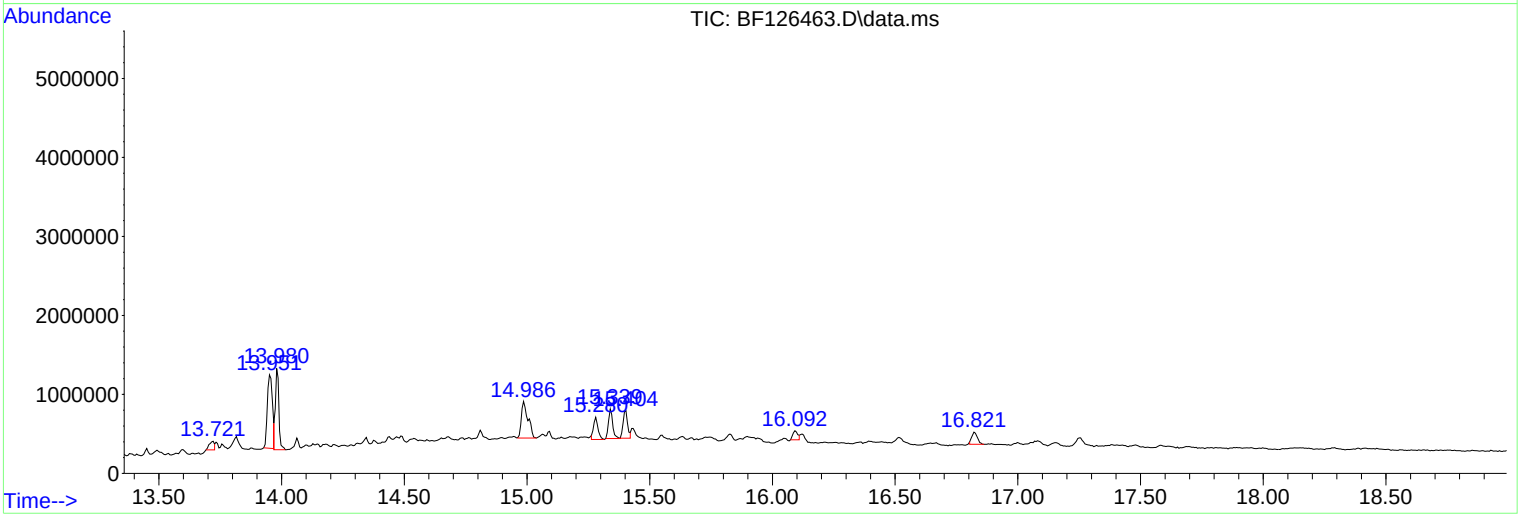
Instrument :
BNA_F
ClientSampleId :
D3-12292021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.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_F\Data\BF010322\
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Operator : JU/CG
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Misc :
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Instrument :
BNA_F
ClientSampleId :
D3-12292021

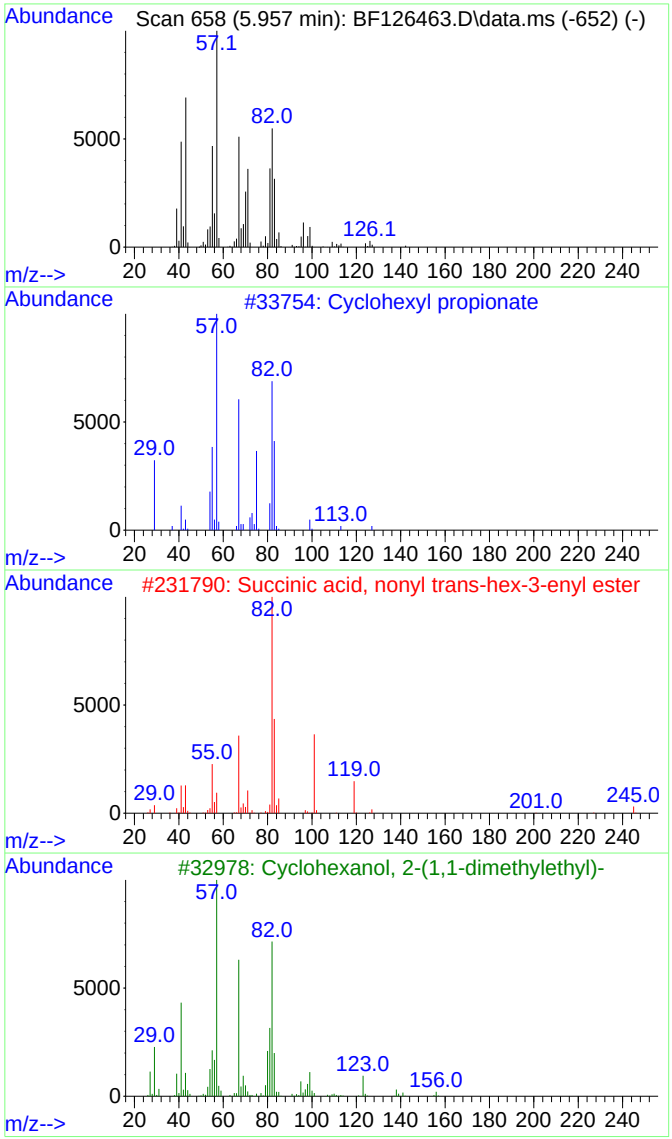
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

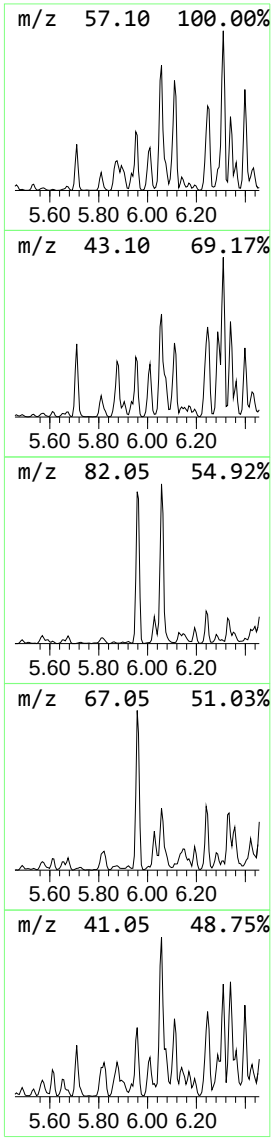
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Cyclohexyl propionate Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.957	18.71 ng	2839040	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexyl propionate	156	C9H16O2	006222-35-1	50
2	Succinic acid, nonyl trans-hex-3...	326	C19H34O4	1000353-43-2	50
3	Cyclohexanol, 2-(1,1-dimethyleth...	156	C10H20O	013491-79-7	50
4	2-Hexen-1-ol, (Z)-	100	C6H12O	000928-94-9	47
5	Propanoic acid, 2-methyl-, 3-hex...	170	C10H18O2	084682-20-2	43





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

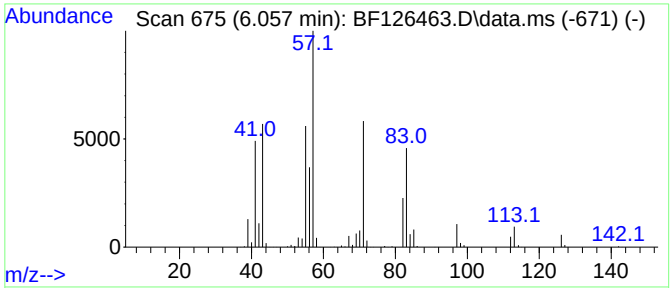
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

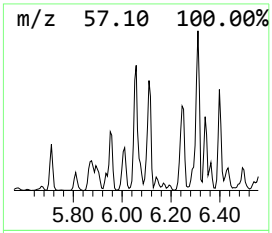
****

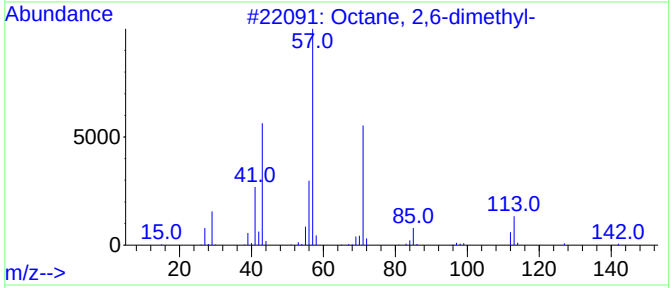
Peak Number 2 unknown6.057 Concentration Rank 3

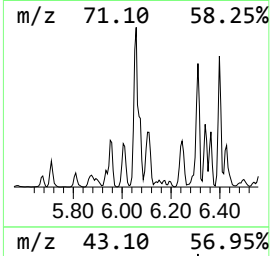
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.057	38.36 ng	5820960	1,4-Dichlorobenzene-d4	6.804

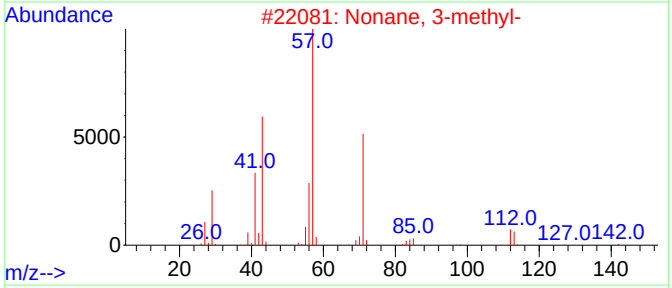
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	49
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	46
3	2-Methylhept-6-en-3-one	126	C8H14O	1000424-30-2	43
4	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	38
5	Octane, 2-bromo-	192	C8H17Br	000557-35-7	35

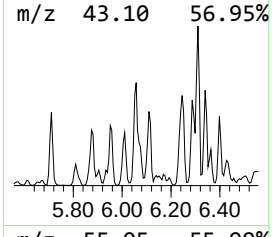


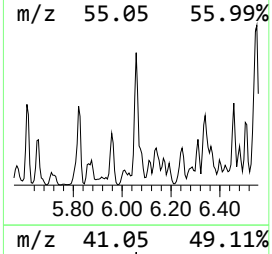


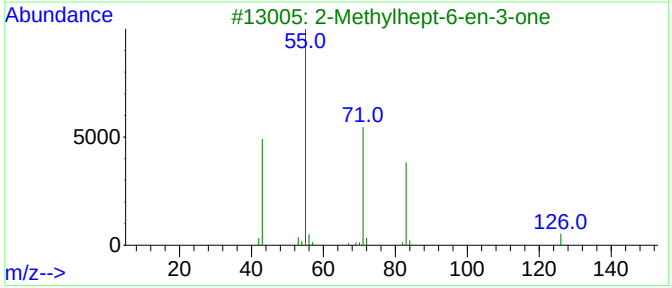


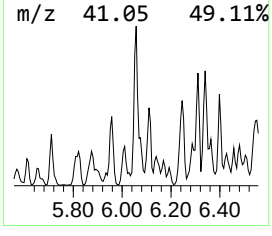












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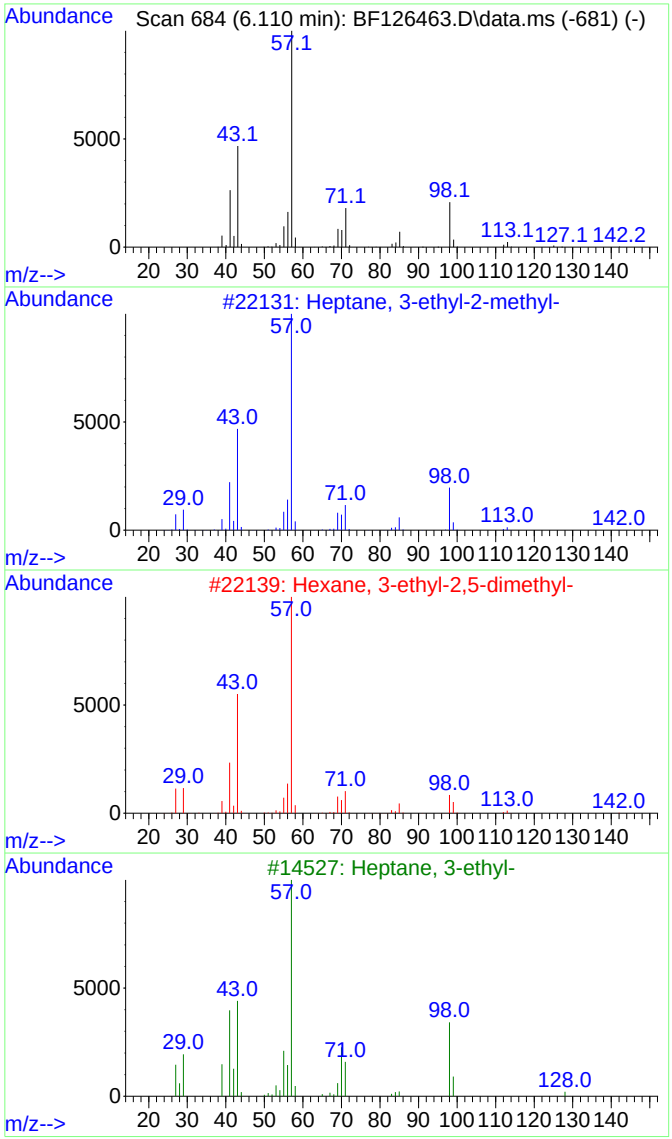
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

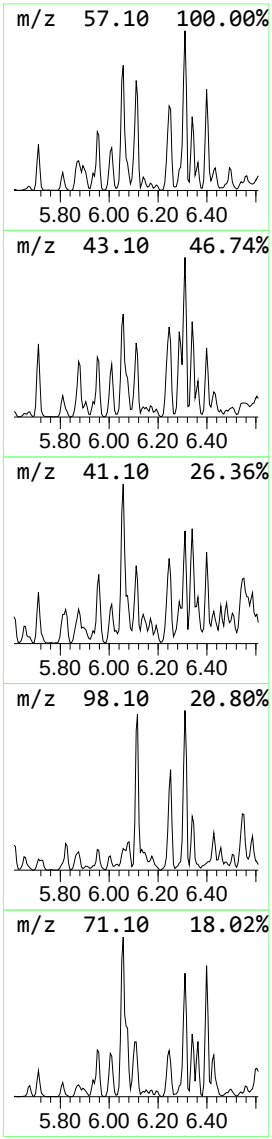
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Heptane, 3-ethyl-2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.110	14.74 ng	2236220	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	62
3	Heptane, 3-ethyl-	128	C9H20	015869-80-4	59
4	Heptane, 4-propyl-	142	C10H22	003178-29-8	59
5	Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	53





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Instrument :
BNA_F
ClientSampleId :
D3-12292021

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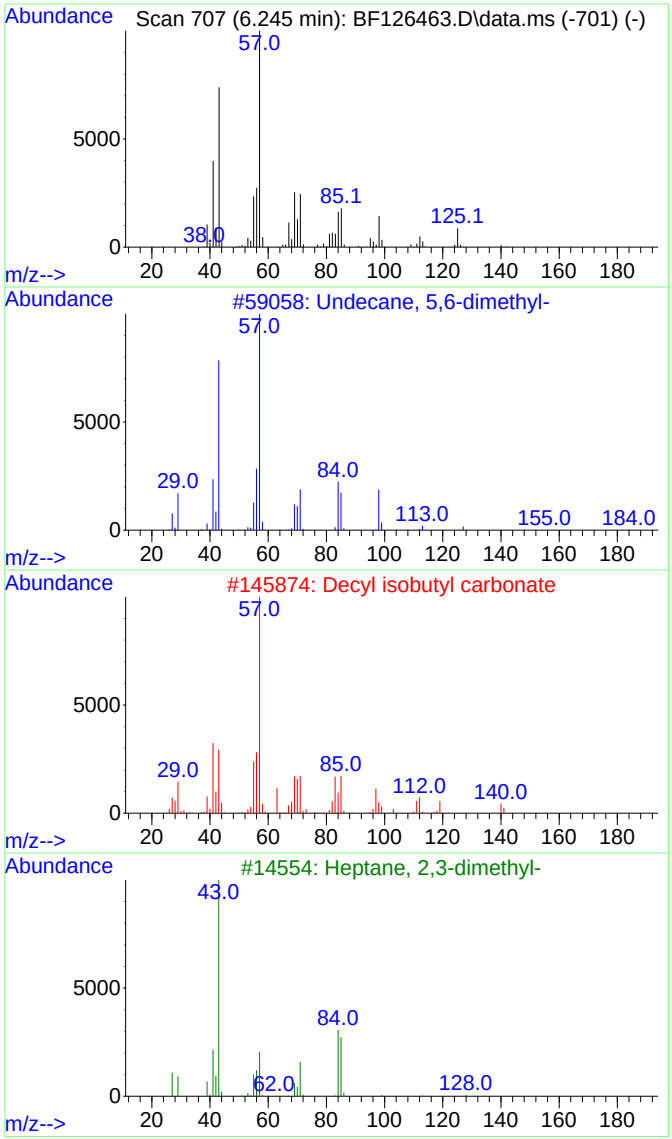
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

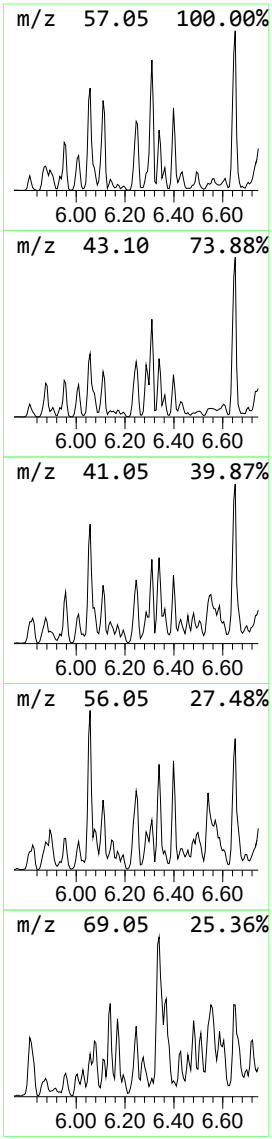
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Undecane, 5,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.245	22.24 ng	3374010	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	59
2	Decyl isobutyl carbonate	258	C15H30O3	959226-07-4	53
3	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	50
4	Decane, 5-methyl-	156	C11H24	013151-35-4	47
5	2-Methyl-1-hexanol	116	C7H16O	1000427-67-0	47





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Acq On : 3 Jan 2022 18:58
Operator : JU/CG
Sample : M5257-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D3-12292021

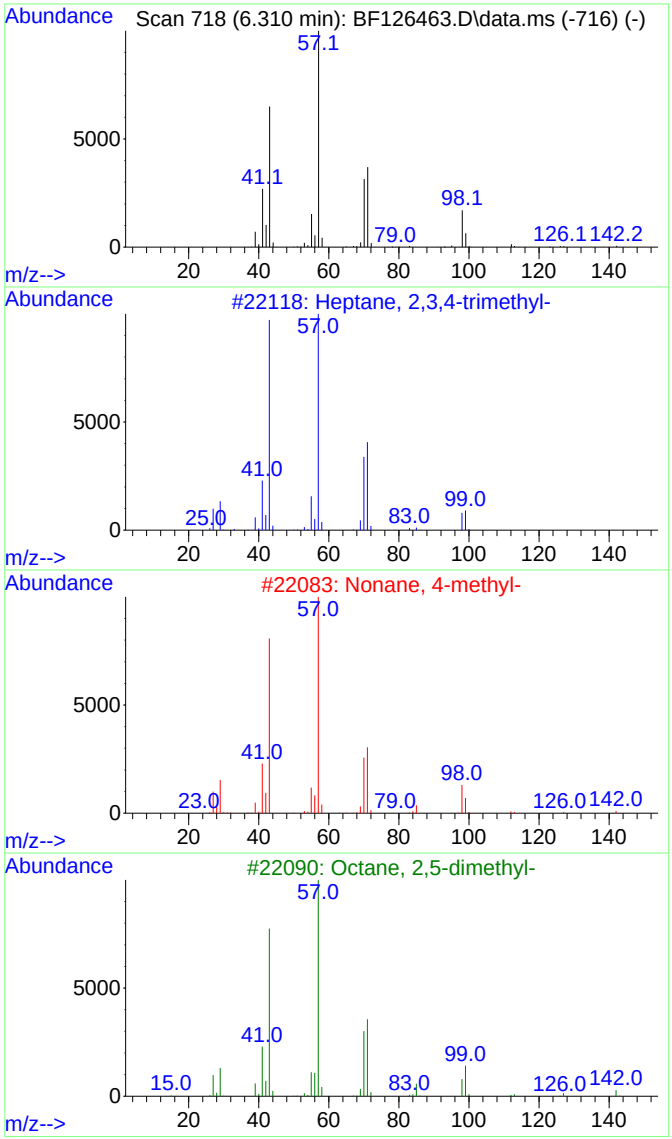
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

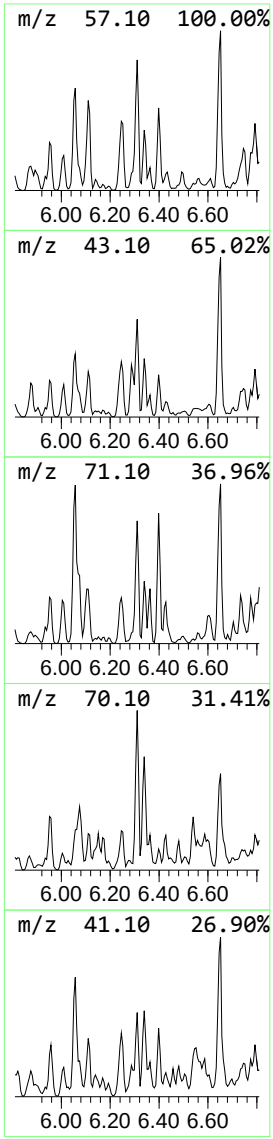
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Heptane, 2,3,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.310	19.67 ng	2984150	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	72
2	Nonane, 4-methyl-	142	C10H22	017301-94-9	64
3	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	64
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
5	Heptane, 4-methyl-	114	C8H18	000589-53-7	50





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ALS Vial : 19 Sample Multiplier: 1

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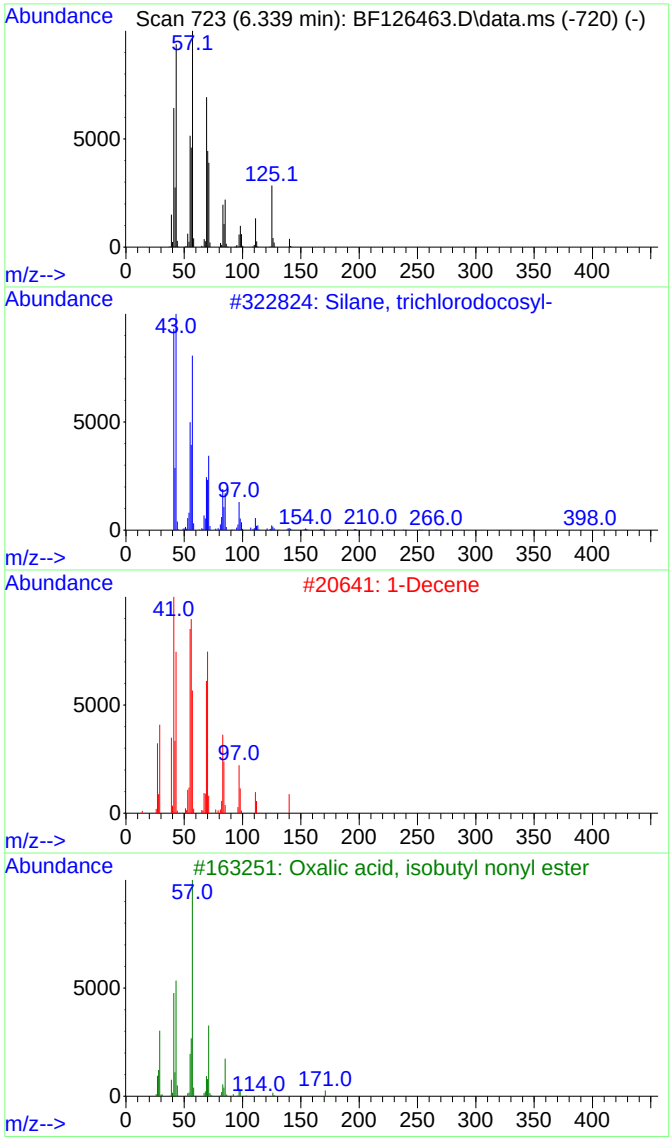
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

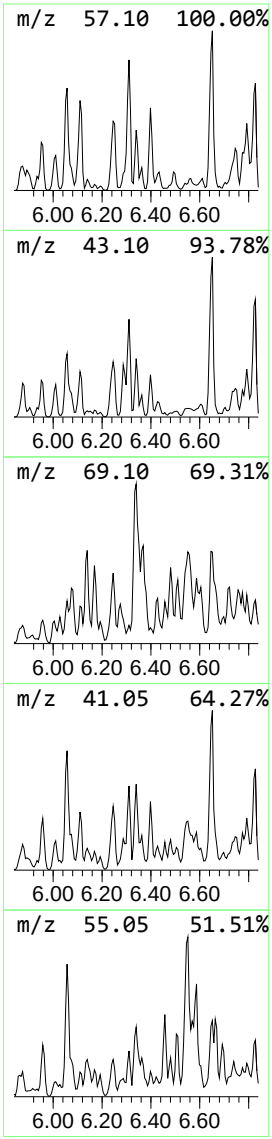
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Silane, trichlorodocosyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.339	24.97 ng	3788570	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, trichlorodocosyl-	442	C22H45Cl3Si	007325-84-0	72
2	1-Decene	140	C10H20	000872-05-9	49
3	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1010309-37-4	38
4	4-Octene, 2,6-dimethyl-, [S-(E)]-	140	C10H20	062960-76-3	38
5	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	35





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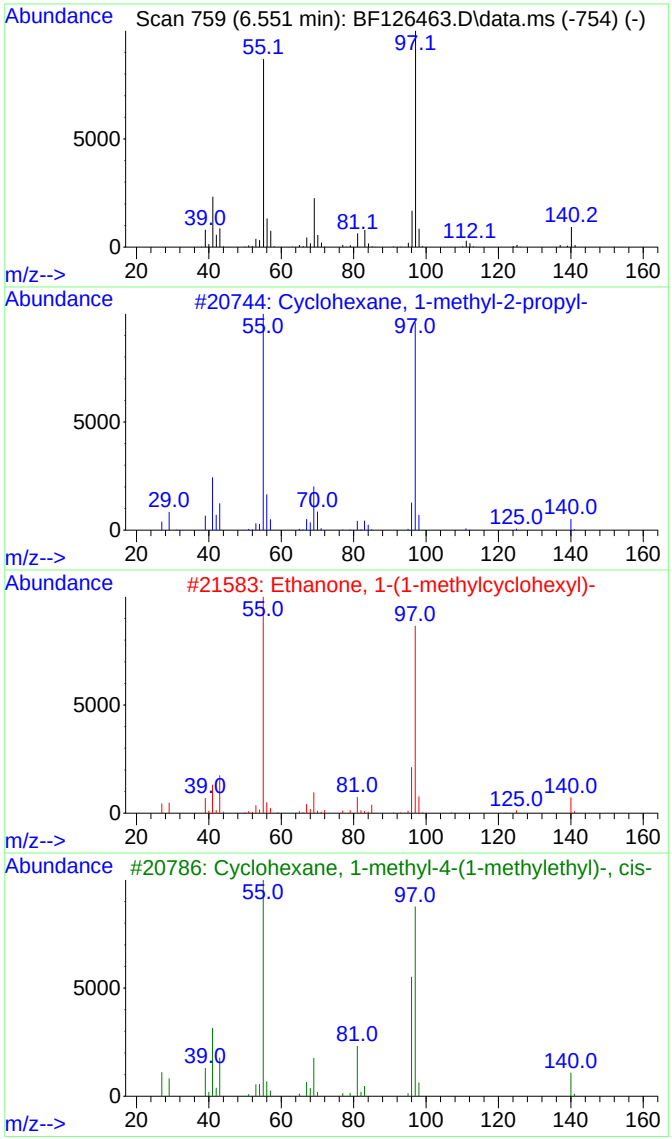
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

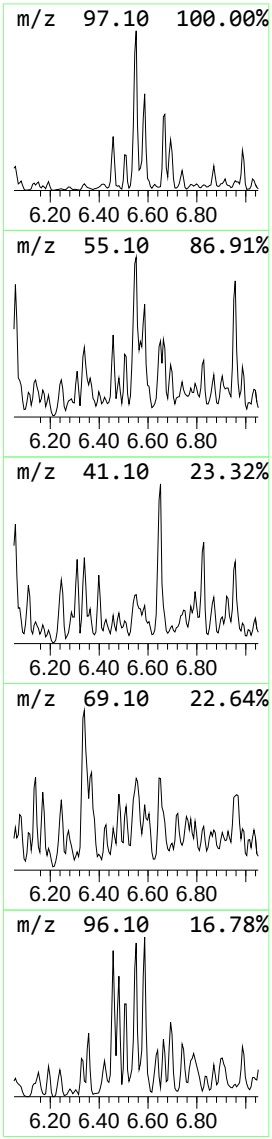
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Cyclohexane, 1-methyl-2-pro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.551	31.11 ng	4720030	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	90
2	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	86
3	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	80
4	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	78
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	72





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Sample : M5257-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

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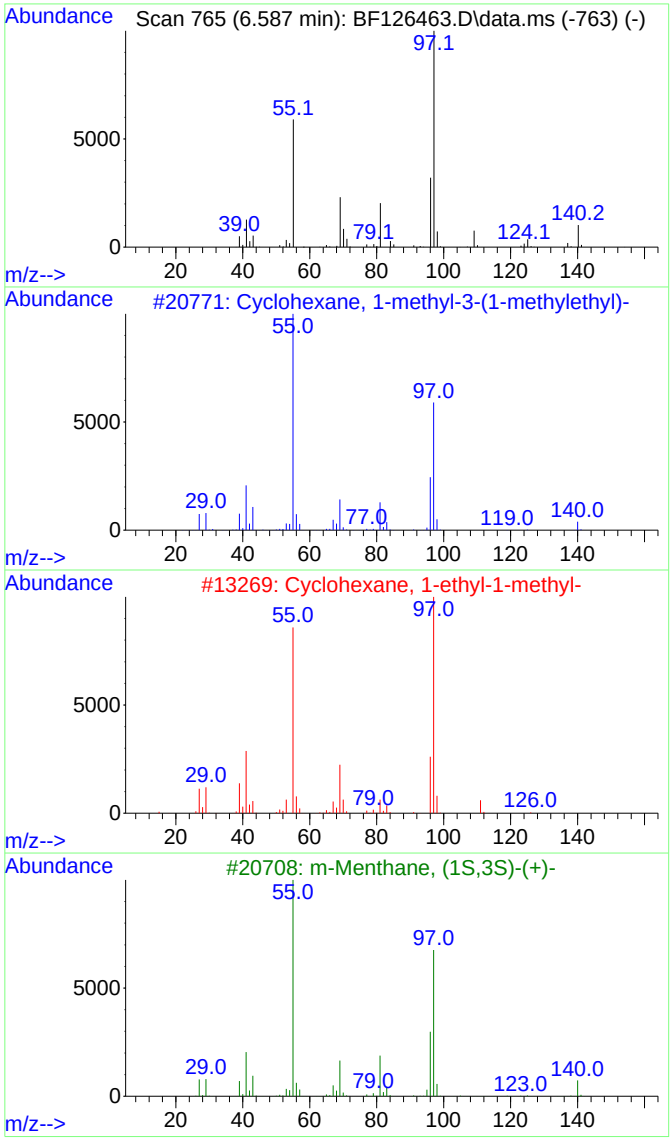
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

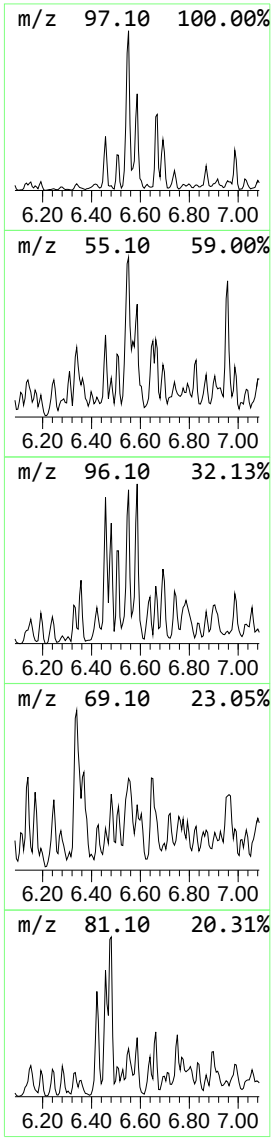
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Cyclohexane, 1-methyl-3-(1-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.587	15.47 ng	2347280	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-(1-methy...	140	C10H20	016580-24-8	72
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
3	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	64
4	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	56
5	2-Pyrazoline, 1-butyl-5-methyl-	140	C8H16N2	022581-50-6	53





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Sample : M5257-01 2X
Misc :
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ClientSampleId :
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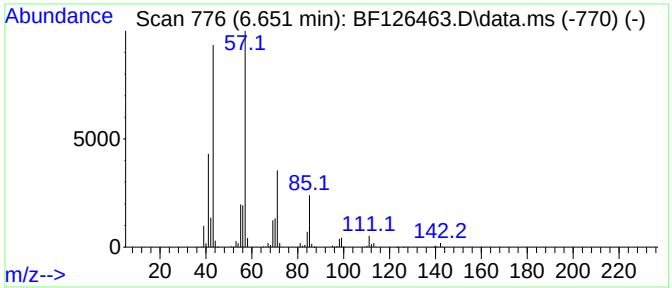
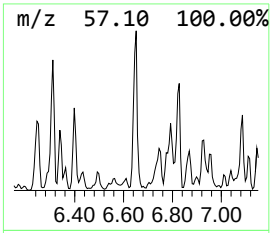
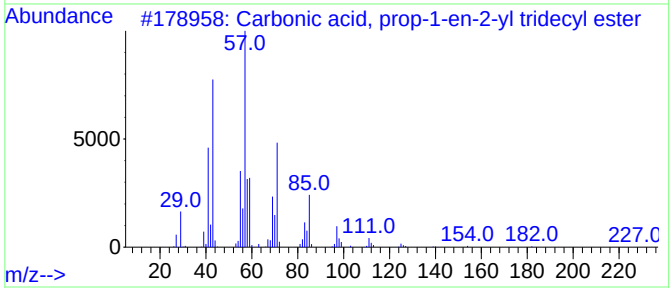
****
Peak Number 9 Carbonic acid, prop-1-en-2-... Concentration Rank 2

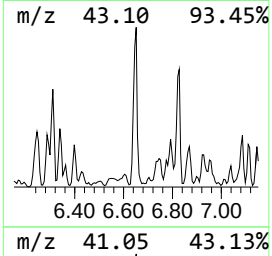
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.651	54.64 ng	8290620	1,4-Dichlorobenzene-d4	6.804

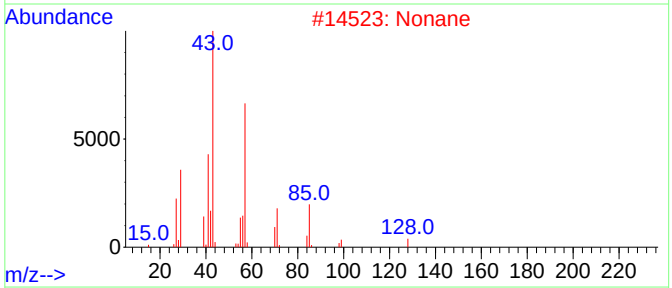
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbonic acid, prop-1-en-2-yl tr...	284	C17H32O3	1000382-90-8	78
2	Nonane	128	C9H20	000111-84-2	72
3	Decane	142	C10H22	000124-18-5	72
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	72
5	Ether, hexyl pentyl	172	C11H24O	032357-83-8	64

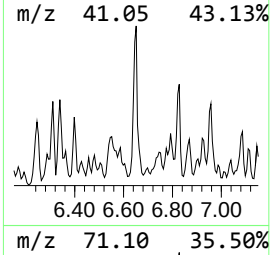


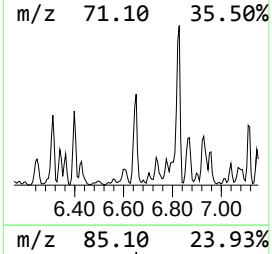


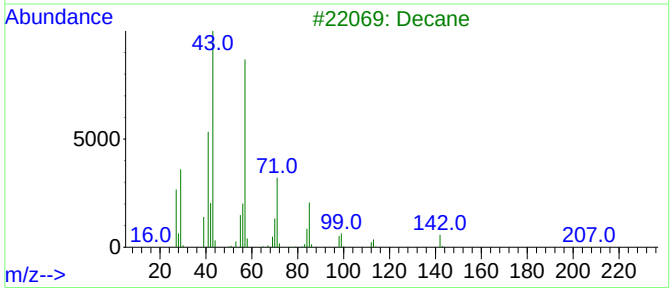


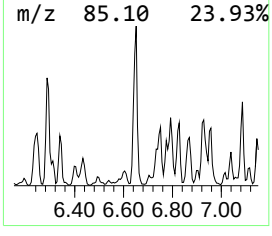












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Acq On : 3 Jan 2022 18:58
Operator : JU/CG
Sample : M5257-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

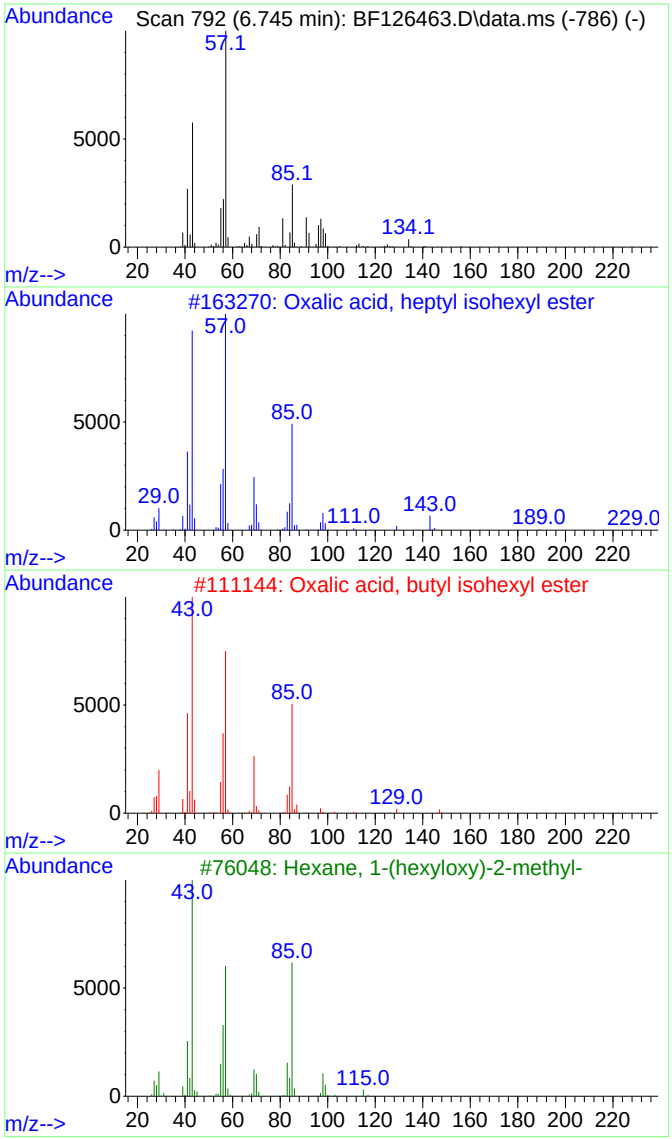
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

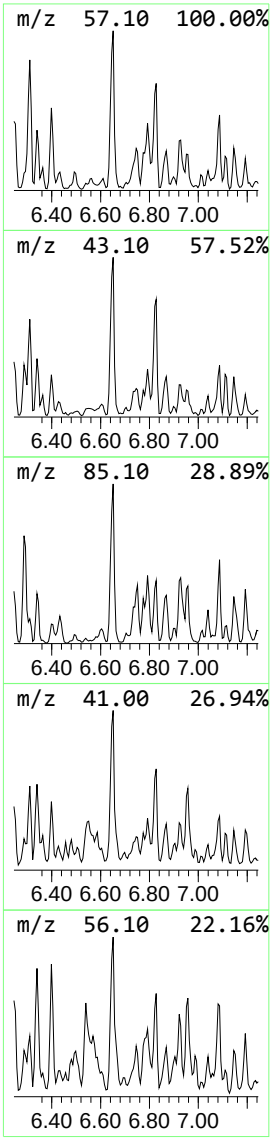
****

Peak Number 10 unknown6.745 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.745	19.52 ng	2962020	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, heptyl isohexyl ester	272	C15H28O4	1000309-33-1	38
2	Oxalic acid, butyl isohexyl ester	230	C12H22O4	1000309-32-7	35
3	Hexane, 1-(hexyloxy)-2-methyl-	200	C13H28O	074421-17-3	35
4	Octane, 3-methyl-	128	C9H20	002216-33-3	35
5	Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	35





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

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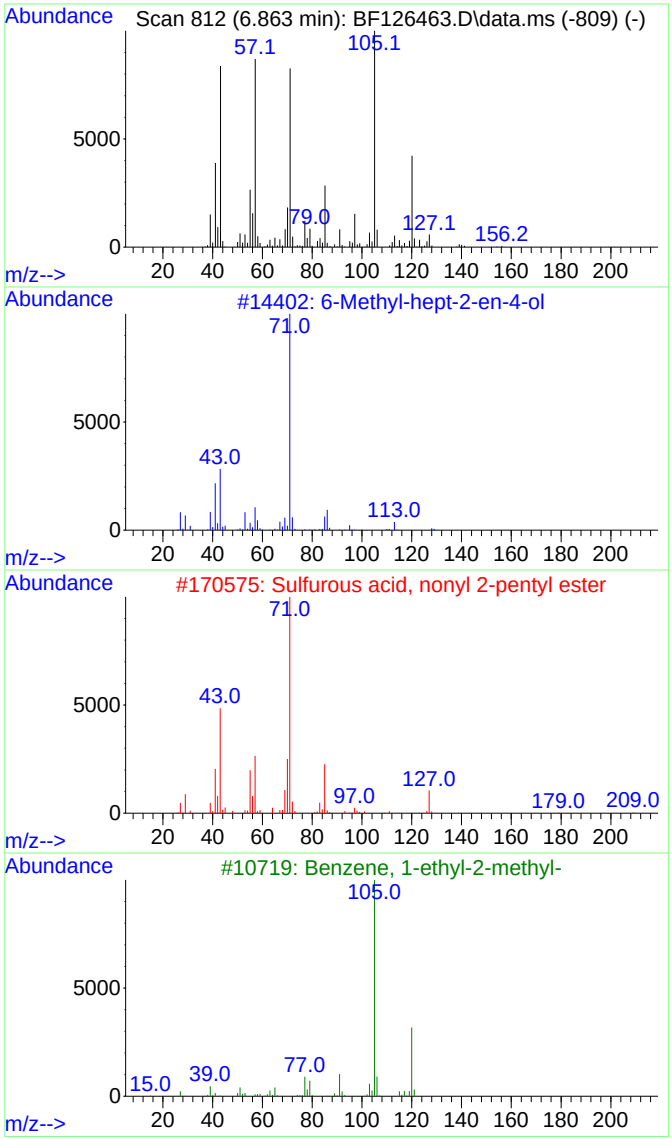
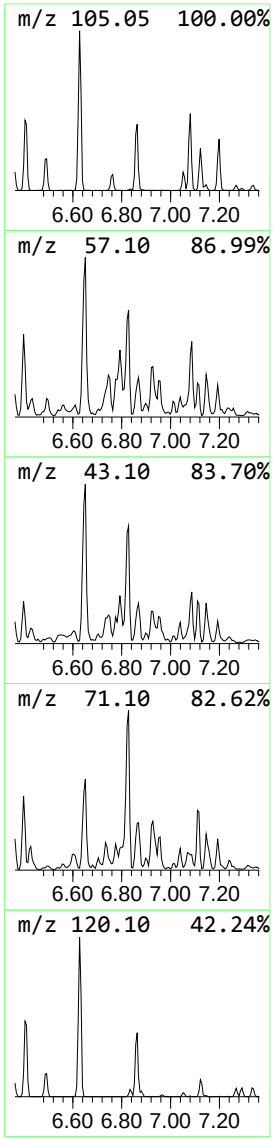
Peak Number 11 unknown6.863 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.863	20.15 ng	3057190	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Methyl-hept-2-en-4-ol	128	C8H16O	083212-30-0	38
2	Sulfurous acid, nonyl 2-pentyl e...	278	C14H30O3S	1010309-15-8	38
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	35
4	Mesitylene	120	C9H12	000108-67-8	35
5	Sulfurous acid, nonyl pentyl ester	278	C14H30O3S	1000309-14-2	35





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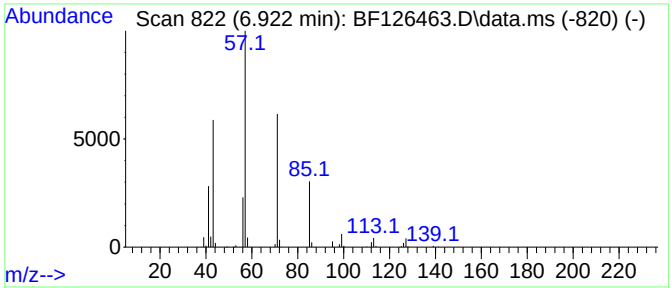
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

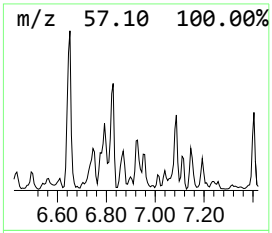
****

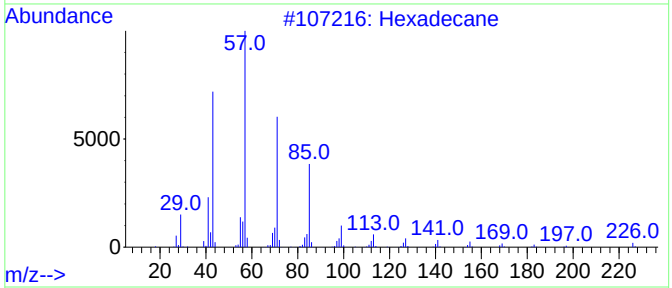
Peak Number 12 Hexadecane Concentration Rank 17

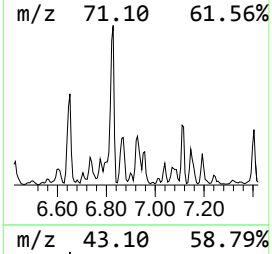
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.922	14.88 ng	2257600	1,4-Dichlorobenzene-d4	6.804

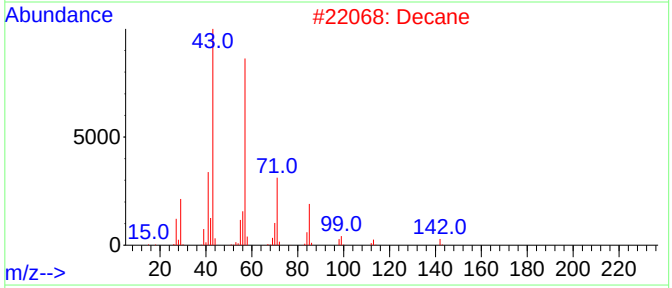
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	78
2	Decane	142	C10H22	000124-18-5	78
3	Tridecane	184	C13H28	000629-50-5	72
4	Undecane, 3,7-dimethyl-	184	C13H28	017301-29-0	64
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	64

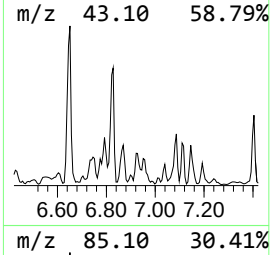


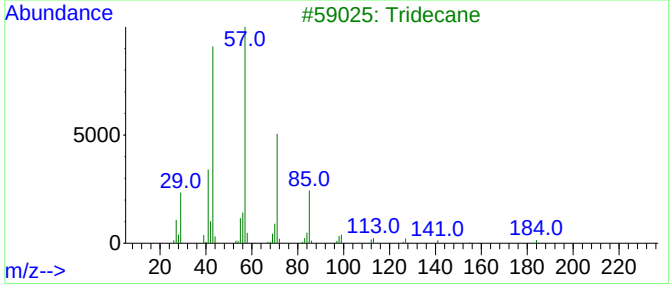


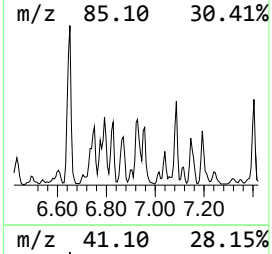


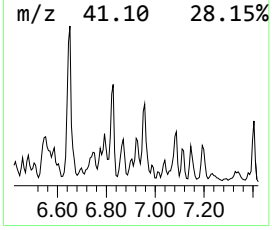












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Data File : BF126463.D
Acq On : 3 Jan 2022 18:58
Operator : JU/CG
Sample : M5257-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D3-12292021

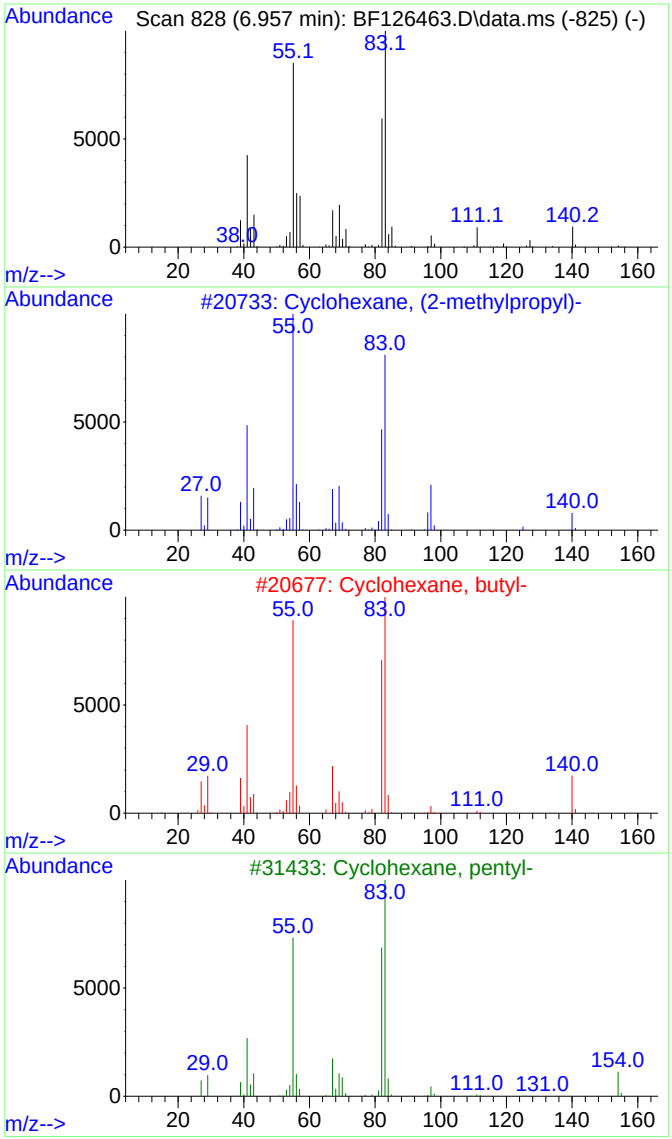
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

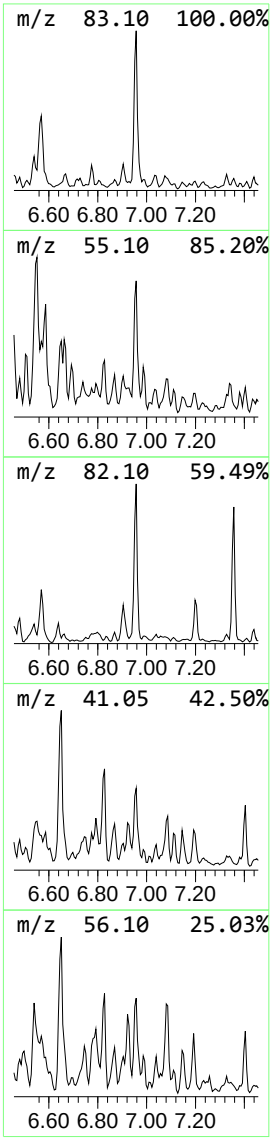
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclohexane, (2-methylpropyl)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.957	25.58 ng	3880990	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	80
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	59
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	59





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Sample : M5257-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D3-12292021

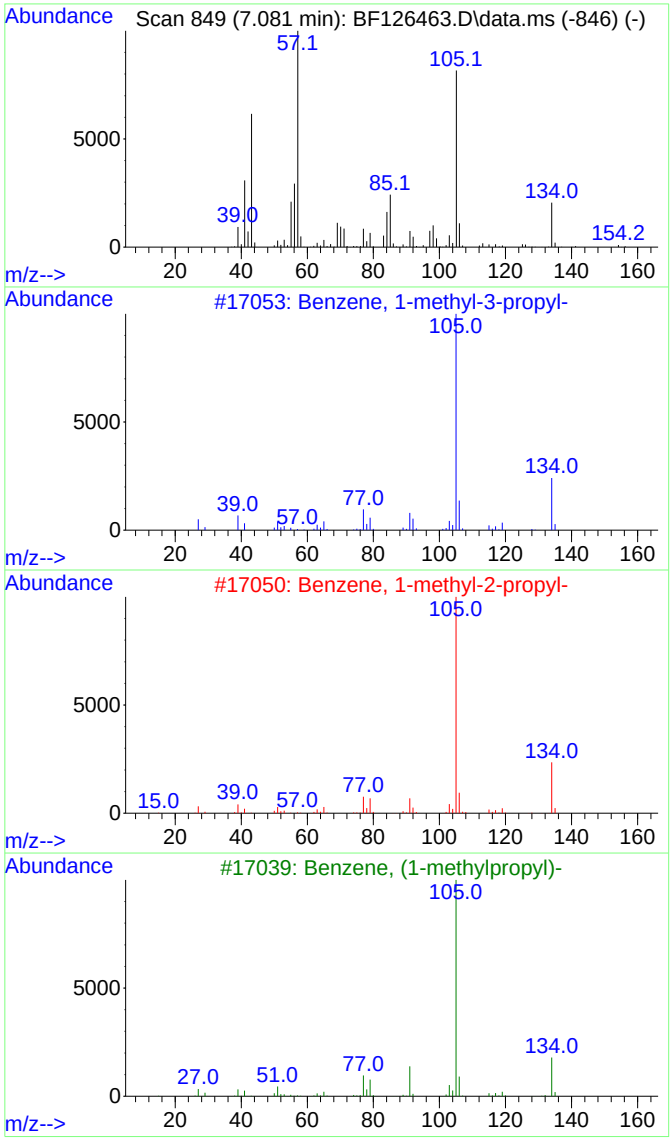
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

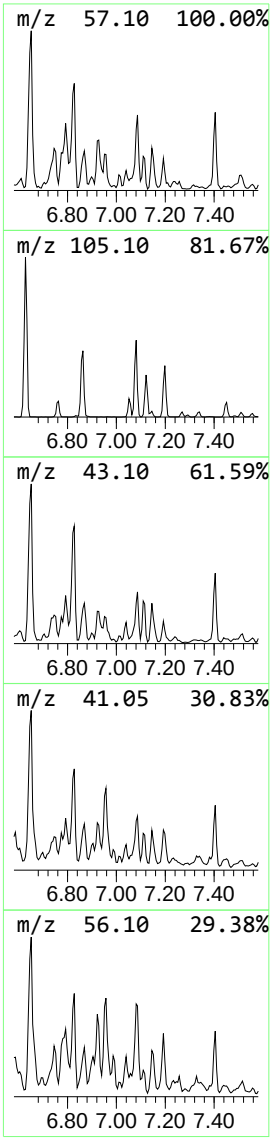
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzene, 1-methyl-3-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.081	19.07 ng	2893240	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	55
2	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	42
3	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	42
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	42
5	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	38





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Sample : M5257-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
D3-12292021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

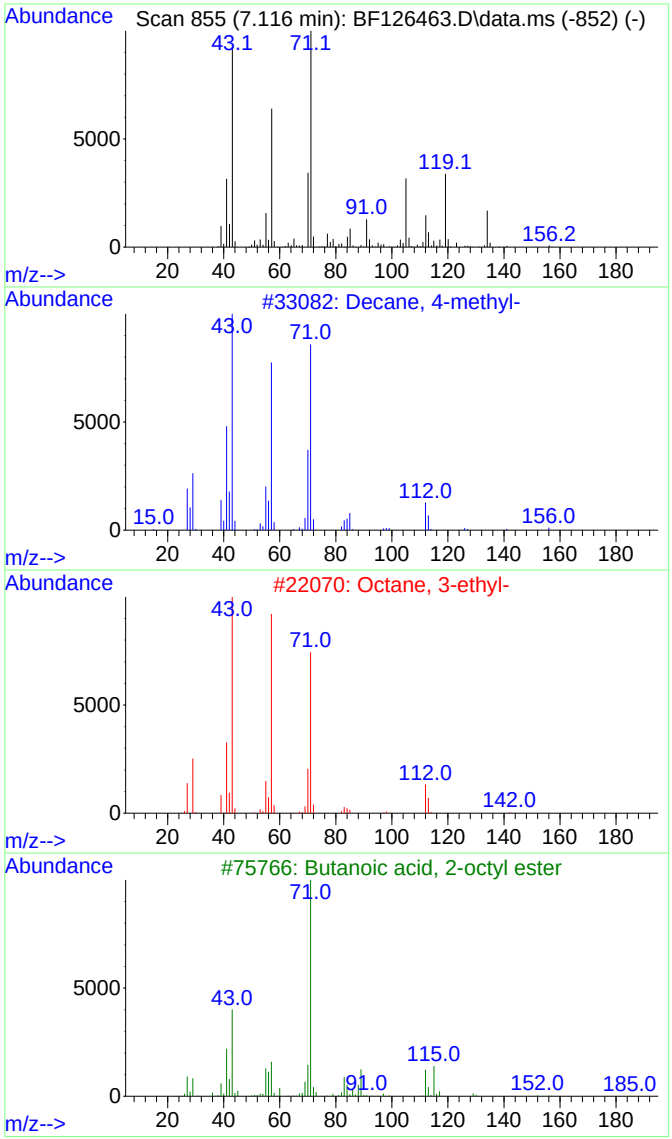
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

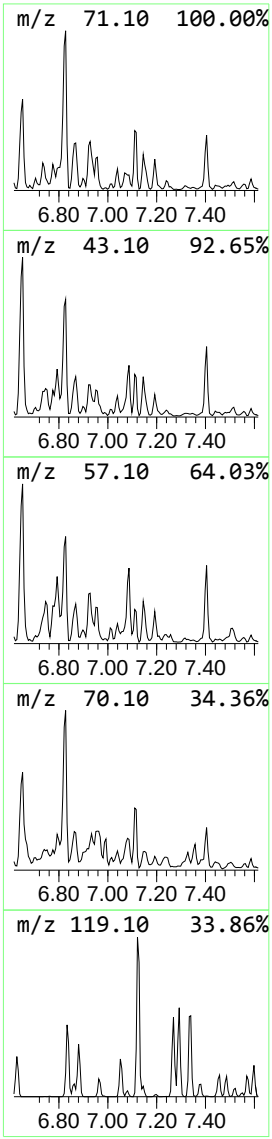
****

Peak Number 15 Decane, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.116	14.24 ng	2160410	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 4-methyl-	156	C11H24	002847-72-5	53
2	Octane, 3-ethyl-	142	C10H22	005881-17-4	47
3	Butanoic acid, 2-octyl ester	200	C12H24O2	020286-44-6	47
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	47
5	Propanal, 2-propenylhydrazone	112	C6H12N2	019031-78-8	43





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Sample : M5257-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D3-12292021

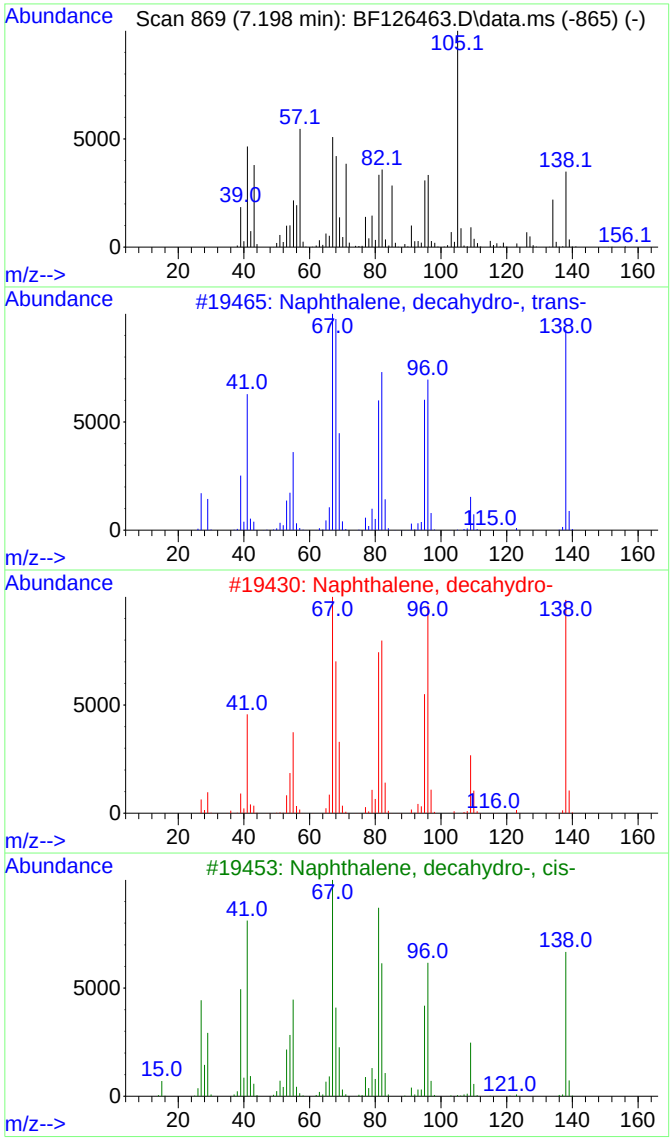
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

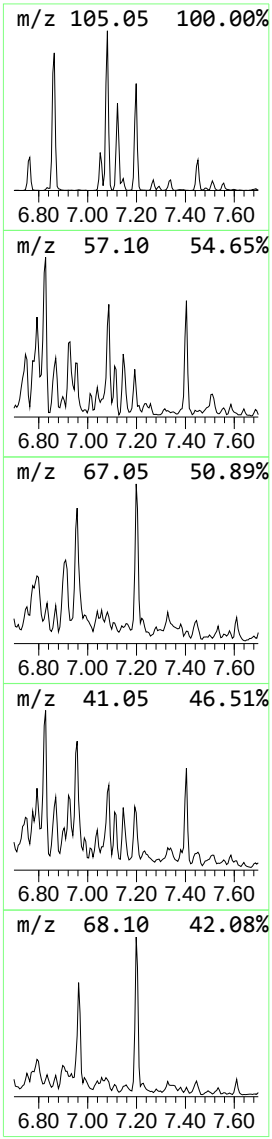
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, decahydro-, tr... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.198	12.98 ng	1970120	1,4-Dichlorobenzene-d4	6.804

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	78
2	Naphthalene, decahydro-	138	C10H18	000091-17-8	53
3	Naphthalene, decahydro-, cis-	138	C10H18	000493-01-6	42
4	5-Decen-1-ol, (Z)-	156	C10H20O	051652-47-2	38
5	Bicyclo[4.1.0]heptane, 2-methyl-	110	C8H14	041977-46-2	38





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Sample : M5257-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
D3-12292021

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

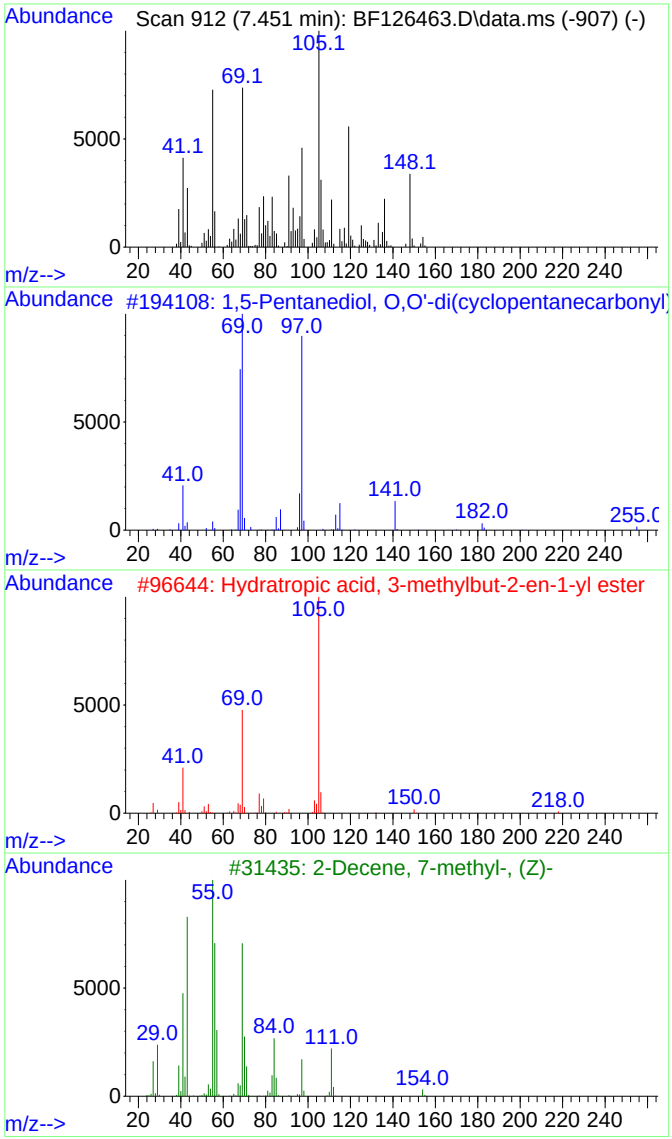
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

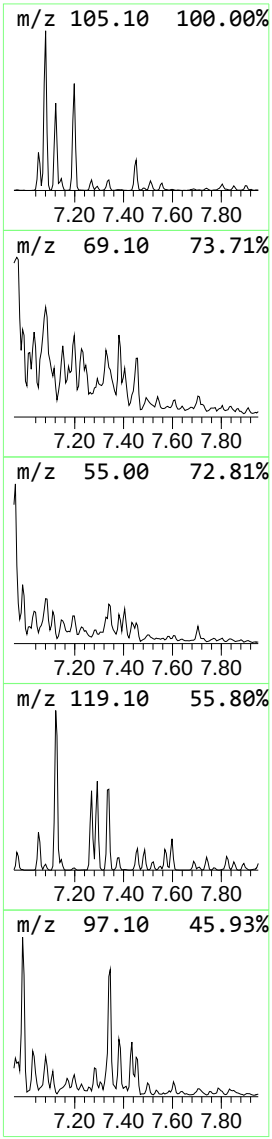
****

Peak Number 17 unknown7.451 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.451	16.63 ng	978778	Naphthalene-d8	8.081

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Pentanediol, O,O'-di(cyclope...	296	C17H28O4	1000331-08-0	27
2	Hydratropic acid, 3-methylbut-2-...	218	C14H18O2	1000406-95-5	27
3	2-Decene, 7-methyl-, (Z)-	154	C11H22	074630-23-2	27
4	Geranyl acetate	196	C12H20O2	000105-87-3	25
5	Ketone, 2,2-dimethylcyclohexyl m...	154	C10H18O	017983-26-5	25





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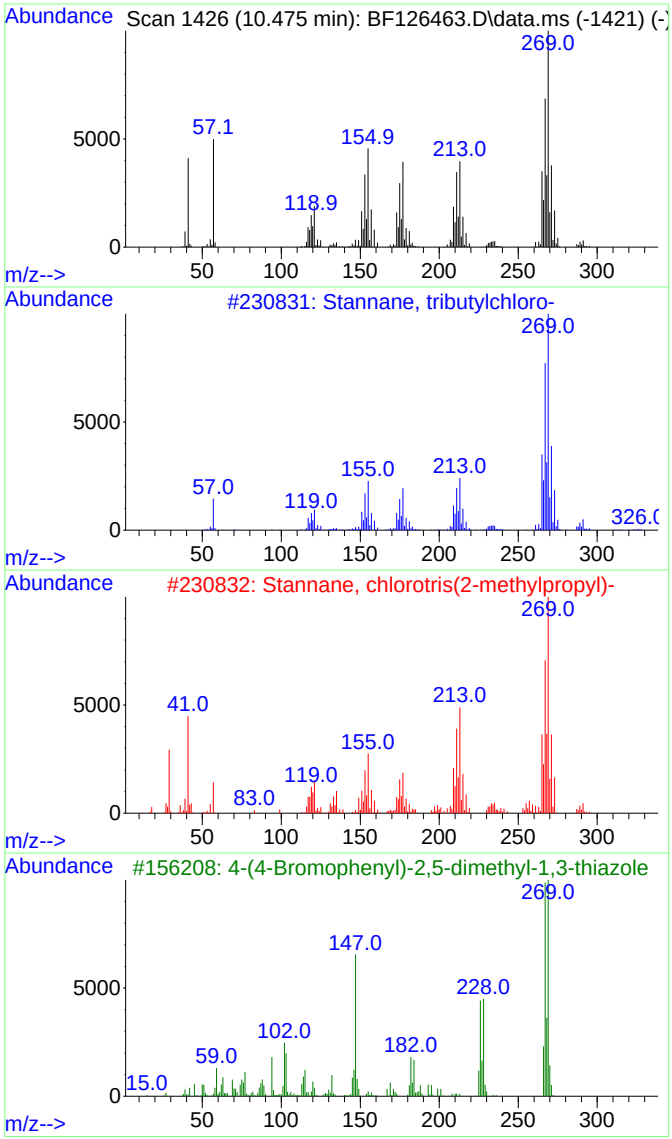
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

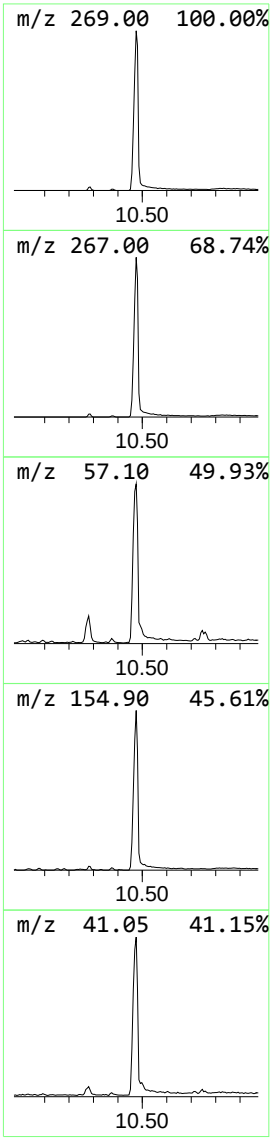
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Stannane, tributylchloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.475	100.70 ng	4132060	Acenaphthene-d10	9.833

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Stannane, tributylchloro-	326	C12H27ClSn	001461-22-9	91
2	Stannane, chlorotris(2-methylpro...	326	C12H27ClSn	007342-38-3	80
3	4-(4-Bromophenyl)-2,5-dimethyl-1...	267	C11H10BrNS	397283-49-7	35
4	1-Chloro-2-tributylsilyloxybenzene	326	C18H31ClOSi	1010299-11-5	25
5	1,3-Dichloro-6,7,8,9,10,12-hexah...	268	C13H14Cl2N2	149028-28-4	18





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Sample : M5257-01 2X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D3-12292021

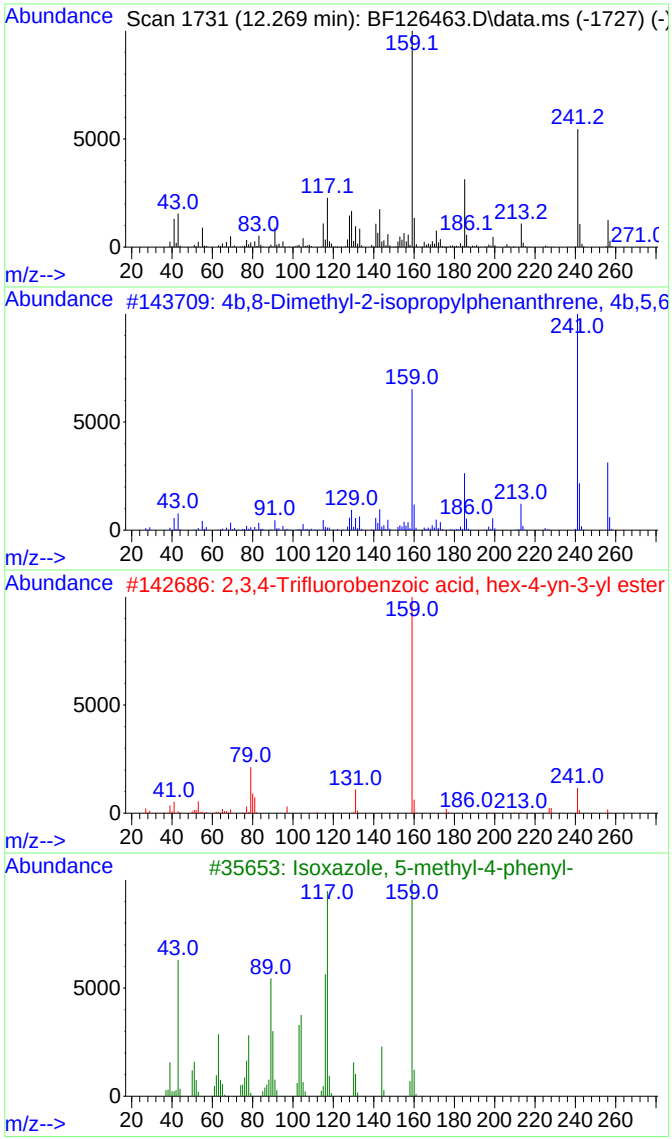
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

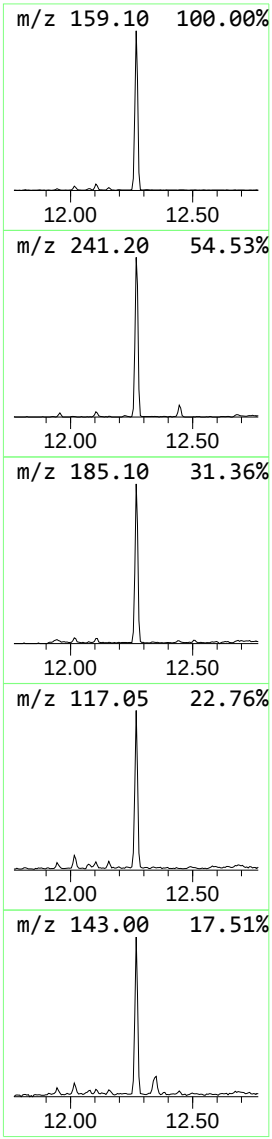
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 4b,8-Dimethyl-2-isopropylph... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.269	28.79 ng	1246250	Phenanthrene-d10	11.322

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	99
2	2,3,4-Trifluorobenzoic acid, hex...	256	C13H11F3O2	1000292-55-4	53
3	Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	43
4	trans-Calamenene	202	C15H22	073209-42-4	38
5	2-(4-(2-Methylprop-1-en-1-yl)phe...	203	C13H17NO	1000466-09-8	38





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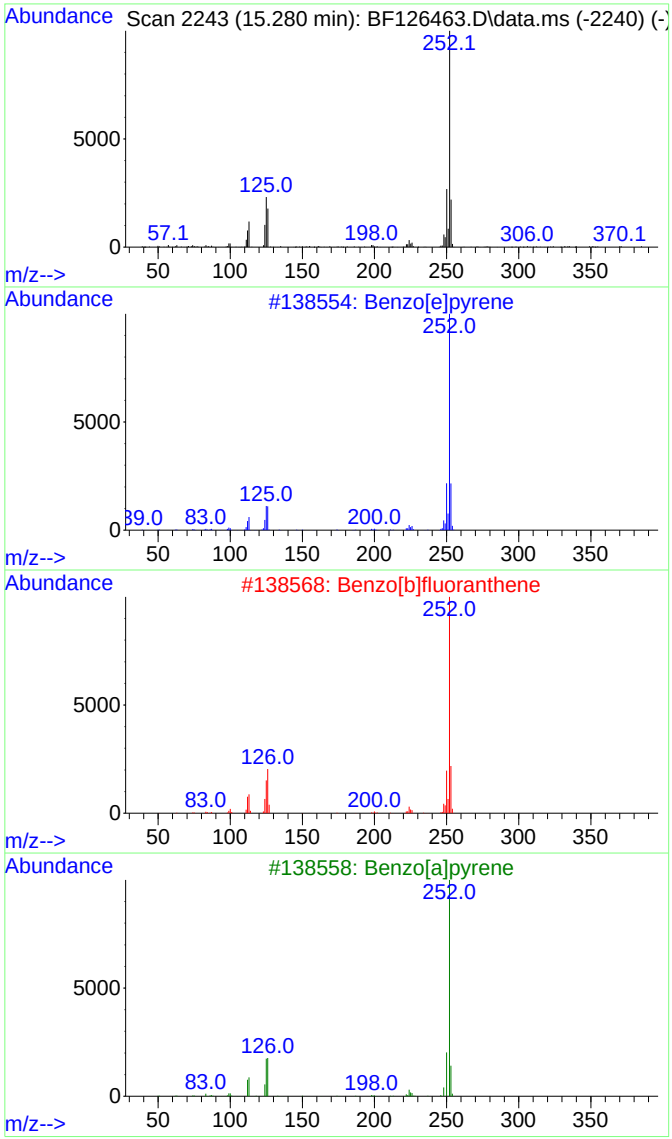
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

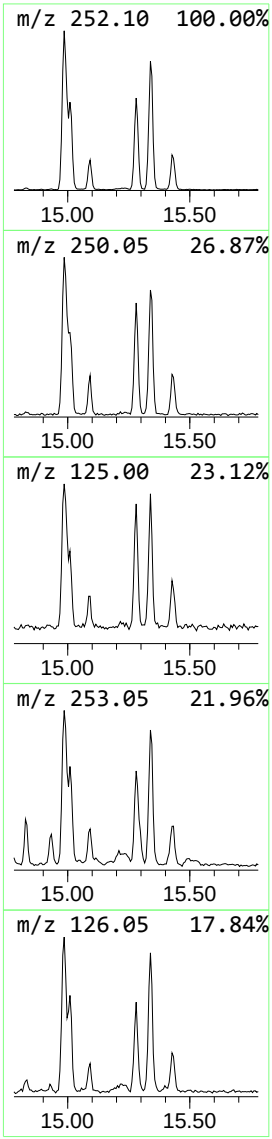
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.280	15.31 ng	348869	Perylene-d12	15.404

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

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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
Cyclohexyl prop...	5.957	18.7	ng	2839040	1	6.804	3034750	20.0
unknown6.057	6.057	38.4	ng	5820960	1	6.804	3034750	20.0
Heptane, 3-ethy...	6.110	14.7	ng	2236220	1	6.804	3034750	20.0
Undecane, 5,6-d...	6.245	22.2	ng	3374010	1	6.804	3034750	20.0
Heptane, 2,3,4-...	6.310	19.7	ng	2984150	1	6.804	3034750	20.0
Silane, trichlo...	6.339	25.0	ng	3788570	1	6.804	3034750	20.0
Cyclohexane, 1-...	6.551	31.1	ng	4720030	1	6.804	3034750	20.0
Cyclohexane, 1-...	6.587	15.5	ng	2347280	1	6.804	3034750	20.0
Carbonic acid, ...	6.651	54.6	ng	8290620	1	6.804	3034750	20.0
unknown6.745	6.745	19.5	ng	2962020	1	6.804	3034750	20.0
unknown6.863	6.863	20.1	ng	3057190	1	6.804	3034750	20.0
Hexadecane	6.922	14.9	ng	2257600	1	6.804	3034750	20.0
Cyclohexane, (2...	6.957	25.6	ng	3880990	1	6.804	3034750	20.0
Benzene, 1-meth...	7.081	19.1	ng	2893240	1	6.804	3034750	20.0
Decane, 4-methyl-	7.116	14.2	ng	2160410	1	6.804	3034750	20.0
Naphthalene, de...	7.198	13.0	ng	1970120	1	6.804	3034750	20.0
unknown7.451	7.451	16.6	ng	978778	2	8.081	1177210	20.0
Stannane, tribu...	10.475	100.7	ng	4132060	3	9.833	820652	20.0
4b,8-Dimethyl-2...	12.269	28.8	ng	1246250	4	11.322	865887	20.0
Benzo[e]pyrene	15.280	15.3	ng	348869	6	15.404	455728	20.0