LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137003.D
Acq On : 08 Jan 2024 19:33
Operator : CG\JU
Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 340

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF137003.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.522	228	244	251	rBV	27418	57967	2.79%	0.255%
2	3.657	259	267	273	rVB	29402	49828	2.40%	0.219%
3	3.852	293	300	308	rBV4	29189	63606	3.06%	0.279%
4	3.987	315	323	330	rVB	43194	71062	3.42%	0.312%
5	4.134	338	348	353	rBV	102092	143896	6.93%	0.632%
6	4.651	432	436	440	rVB	31802	38003	1.83%	0.167%
7	4.940	481	485	492	rVB	84428	96804	4.66%	0.425%
8	5.034	498	501	507	rBV	82553	128728	6.20%	0.565%
9	5.204	526	530	533	rBV2	53397	63443	3.05%	0.279%
10	5.246	533	537	541	rVB3	30689	52812	2.54%	0.232%
11	5.293	541	545	547	rBV	125547	121316	5.84%	0.533%
12	5.316	547	549	552	rVB	143332	115292	5.55%	0.506%
13	5.387	559	561	566	rBV	154958	151005	7.27%	0.663%
14	5.434	566	569	573	rBV	1720999	1760195	84.75%	7.730%
15	5.522	580	584	587	rVB	56369	60540	2.92%	0.266%
16	5.569	587	592	596	rBV2	30950	45914	2.21%	0.202%
17	5.663	601	608	610	rBV2	60805	83116	4.00%	0.365%
18	5.851	637	640	643	rBV3	69734	86813	4.18%	0.381%
19	5.934	647	654	657	rBV2	95877	117718	5.67%	0.517%
20	5.987	657	663	667	rVV3	70261	78482	3.78%	0.345%
21	6.034	667	671	673	rVV	118530	116981	5.63%	0.514%
22	6.081	677	679	682	rVV	49204	44364	2.14%	0.195%
23	6.216	698	702	705	rBV3	116911	149447	7.20%	0.656%
24	6.275	708	712	716	rVV3	324704	430454	20.73%	1.890%
25	6.310	716	718	720	rVV	196529	152616	7.35%	0.670%
26	6.334	720	722	725	rVV2	50129	42235	2.03%	0.185%
27	6.369	725	728	731	rVV	240655	193865	9.33%	0.851%
28	6.398	731	733	735	rVV	94672	82514	3.97%	0.362%
29	6.440	735	740	743	rVV	1763733	1783786	85.89%	7.833%
30	6.463	743	744	750	rVB	87665	66064	3.18%	0.290%
31	6.551	756	759	760	rVV2	54094	54512	2.62%	0.239%
32	6.569	760	762	765	rVB3	50457	46751	2.25%	0.205%
33	6.616	765	770	776	rBV6	48669	102778	4.95%	0.451%
34	6.716	781	787	789	rBV3	63973	88669	4.27%	0.389%
35	6.787	796	799	803	rVB2	588264	617046	29.71%	2.710%
36	6.834	803	807	809	rBV2	73646	83535	4.02%	0.367%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137003.D
Acq On : 08 Jan 2024 19:33
Operator : CG\JU
Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
340

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	6.857	809	811	814	rVB	95315	73839	3.56%	0.324%
38	6.898	814	818	820	rBV	308863	300822	14.48%	1.321%
39	7.004	830	836	838	rBV3	56554	91894	4.42%	0.404%
40	7.028	838	840	841	rVV	141476	106131	5.11%	0.466%
41	7.051	841	844	847	rVV	323732	344373	16.58%	1.512%
42	7.081	847	849	851	rVV	124332	84466	4.07%	0.371%
43	7.116	851	855	860	rVB2	410768	372233	17.92%	1.635%
44	7.163	860	863	867	rVB	190423	178619	8.60%	0.784%
45	7.210	867	871	872	rBV2	143870	143090	6.89%	0.628%
46	7.281	880	883	885	rBV	46890	52590	2.53%	0.231%
47	7.316	885	889	891	rVV	200640	223870	10.78%	0.983%
48	7.351	891	895	897	rVV	1281373	1257020	60.53%	5.520%
49	7.369	897	898	902	rVB2	59382	48180	2.32%	0.212%
50	7.422	902	907	910	rBV3	69683	109137	5.26%	0.479%
51	7.463	910	914	915	rBV4	39278	50787	2.45%	0.223%
52	7.522	922	924	926	rBV	105535	94184	4.54%	0.414%
53	7.545	926	928	931	rVV	86596	71208	3.43%	0.313%
54	7.604	936	938	941	rBV	54124	41696	2.01%	0.183%
55	7.657	944	947	950	rBV2	127464	145242	6.99%	0.638%
56	7.710	952	956	958	rVV3	41575	67106	3.23%	0.295%
57	7.740	958	961	964	rVV3	152538	184501	8.88%	0.810%
58	7.769	964	966	968	rVV	90929	86047	4.14%	0.378%
59	7.798	968	971	974	rVV3	197228	270544	13.03%	1.188%
60	7.828	974	976	978	rVV	134171	108872	5.24%	0.478%
61	7.851	978	980	982	rVV	115203	94302	4.54%	0.414%
62	7.875	982	984	986	rVV2	85655	70307	3.39%	0.309%
63	7.928	990	993	996	rVB	96616	76292	3.67%	0.335%
64	8.016	1002	1008	1009	rBV6	37542	55460	2.67%	0.244%
65	8.057	1009	1015	1021	rVV	599409	718177	34.58%	3.154%
66	8.116	1021	1025	1027	rVB2	100619	116536	5.61%	0.512%
67	8.145	1027	1030	1032	rBV	80765	66945	3.22%	0.294%
68	8.210	1037	1041	1043	rBV3	28793	38114	1.84%	0.167%
69	8.351	1063	1065	1069	rVB4	46749	49311	2.37%	0.217%
70	8.439	1076	1080	1082	rBV2	74575	83765	4.03%	0.368%
71	8.475	1083	1086	1088	rVB	71288	61462	2.96%	0.270%
72	8.522	1091	1094	1097	rVB2	43829	42468	2.04%	0.186%
73	8.563	1097	1101	1103	rBV4	53328	53642	2.58%	0.236%
74	8.863	1149	1152	1157	rVB3	70296	74317	3.58%	0.326%
75	9.004	1173	1176	1181	rVB4	24995	43904	2.11%	0.193%
76	9.139	1194	1199	1202	rBV	2505208	2076817	100.00%	9.120%

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137003.D
Acq On : 08 Jan 2024 19:33
Operator : CG\JU
Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
340

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-BF122023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	9.257	1215	1219	1227	rVB	731455	774758	37.31%	3.402%
78	9.534	1262	1266	1269	rVB3	48409	47803	2.30%	0.210%
79	9.816	1311	1314	1318	rVB	650937	513901	24.74%	2.257%
80	10.616	1446	1450	1453	rBV	1261388	1129859	54.40%	4.962%
81	10.733	1467	1470	1477	rVB	51954	54109	2.61%	0.238%
82	11.204	1546	1550	1555	rVB2	31301	38035	1.83%	0.167%
83	11.310	1564	1568	1570	rBV	613335	501073	24.13%	2.200%
84	11.333	1570	1572	1577	rVB	176268	130967	6.31%	0.575%
85	11.845	1656	1659	1665	rBV	304984	273544	13.17%	1.201%
86	12.410	1750	1755	1760	rVB3	46126	58326	2.81%	0.256%
87	12.527	1772	1775	1779	rBV	279076	246949	11.89%	1.084%
88	12.633	1789	1793	1798	rBV2	61122	78221	3.77%	0.343%
89	12.757	1809	1814	1820	rVB	222856	249294	12.00%	1.095%
90	12.904	1833	1839	1843	rBV	1588345	1491186	71.80%	6.548%
91	13.816	1991	1994	1999	rVB2	26482	35809	1.72%	0.157%
92	13.886	2001	2006	2008	rBV6	27115	47759	2.30%	0.210%
93	13.969	2015	2020	2022	rBV2	353791	416922	20.08%	1.831%
94	13.992	2022	2024	2032	rVB	127664	114586	5.52%	0.503%
95	15.016	2194	2198	2202	rBV	109231	167217	8.05%	0.734%
96	15.327	2247	2251	2258	rVB	64883	84744	4.08%	0.372%
97	15.386	2258	2261	2267	rVB	88558	112431	5.41%	0.494%
98	15.451	2267	2272	2276	rBV	284195	375232	18.07%	1.648%
99	16.968	2525	2530	2538	rVB3	42960	88638	4.27%	0.389%
100	17.427	2603	2608	2617	rVB	29138	70119	3.38%	0.308%

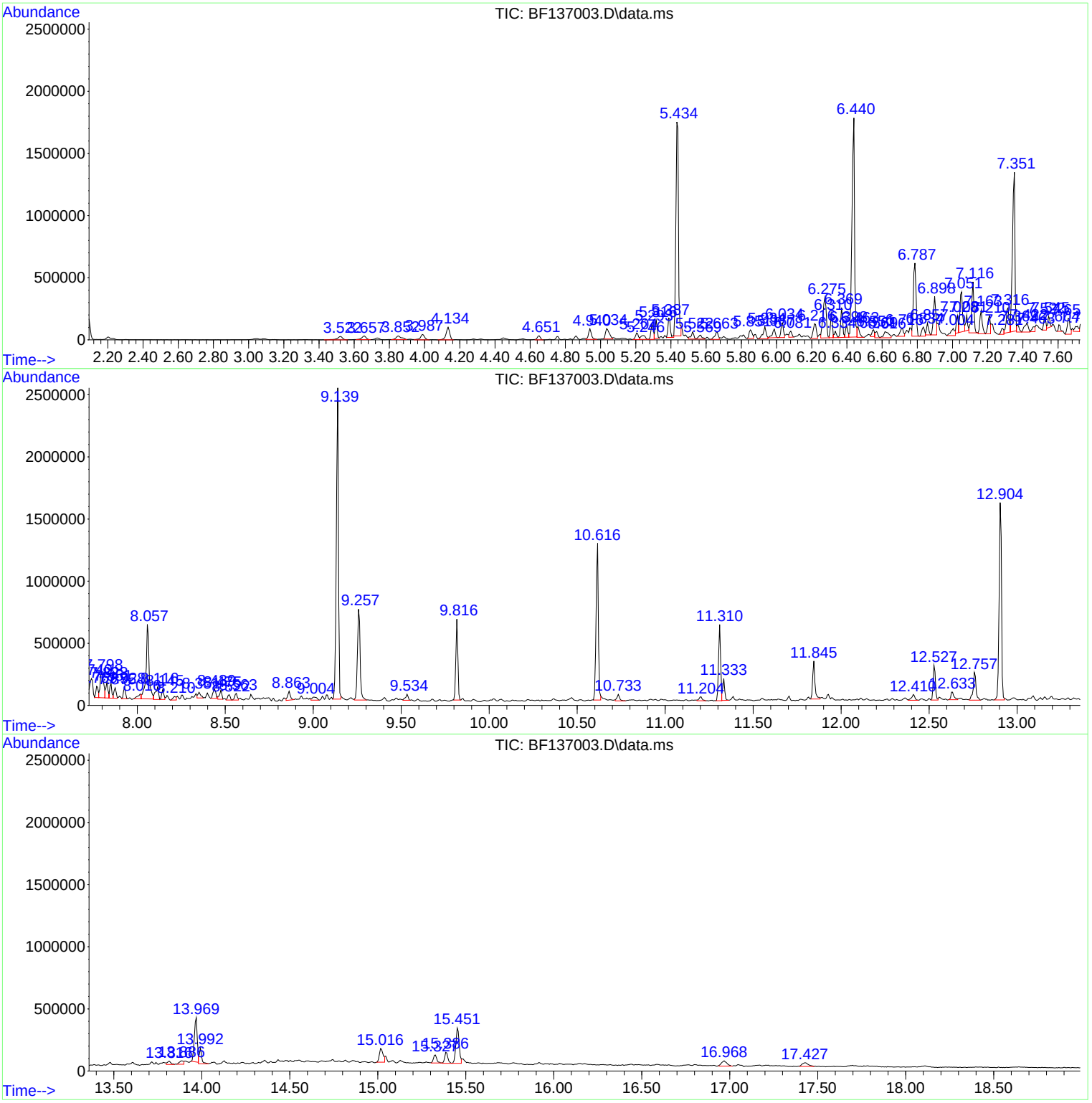
Sum of corrected areas: 22771909

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137003.D
Acq On : 08 Jan 2024 19:33
Operator : CG\JU
Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
340

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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\BF010824\
Data File : BF137003.D
Acq On : 08 Jan 2024 19:33
Operator : CG\JU
Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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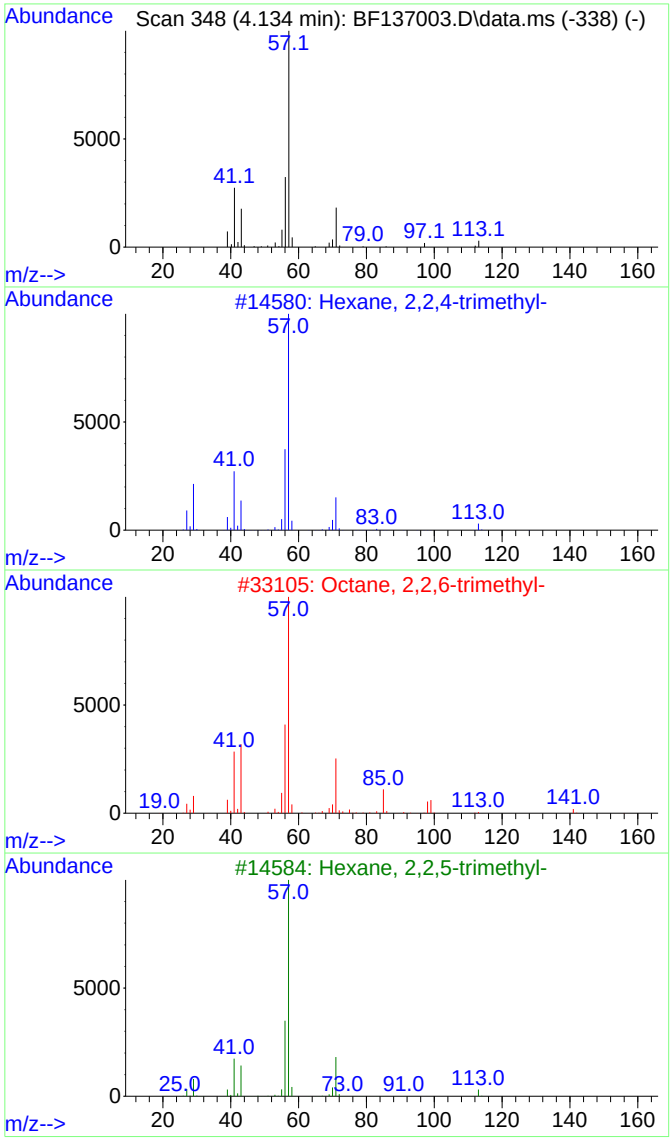
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

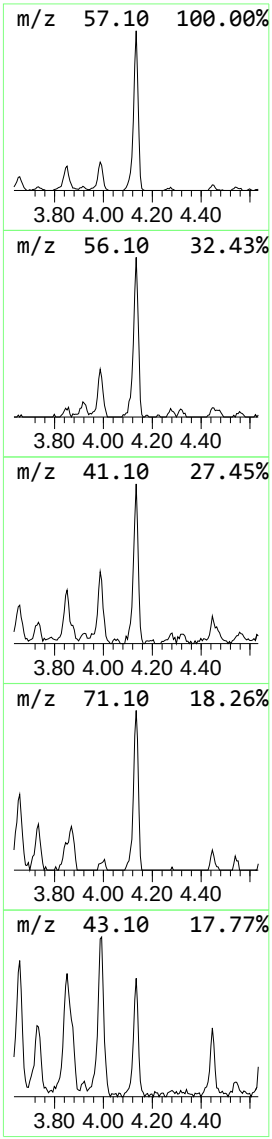
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hexane, 2,2,4-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.134	4.66 ng	143896	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,4-trimethyl-	128	C9H20	016747-26-5	78
2	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	72
3	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	72
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	64
5	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137003.D
Acq On : 08 Jan 2024 19:33
Operator : CG\JU
Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
340

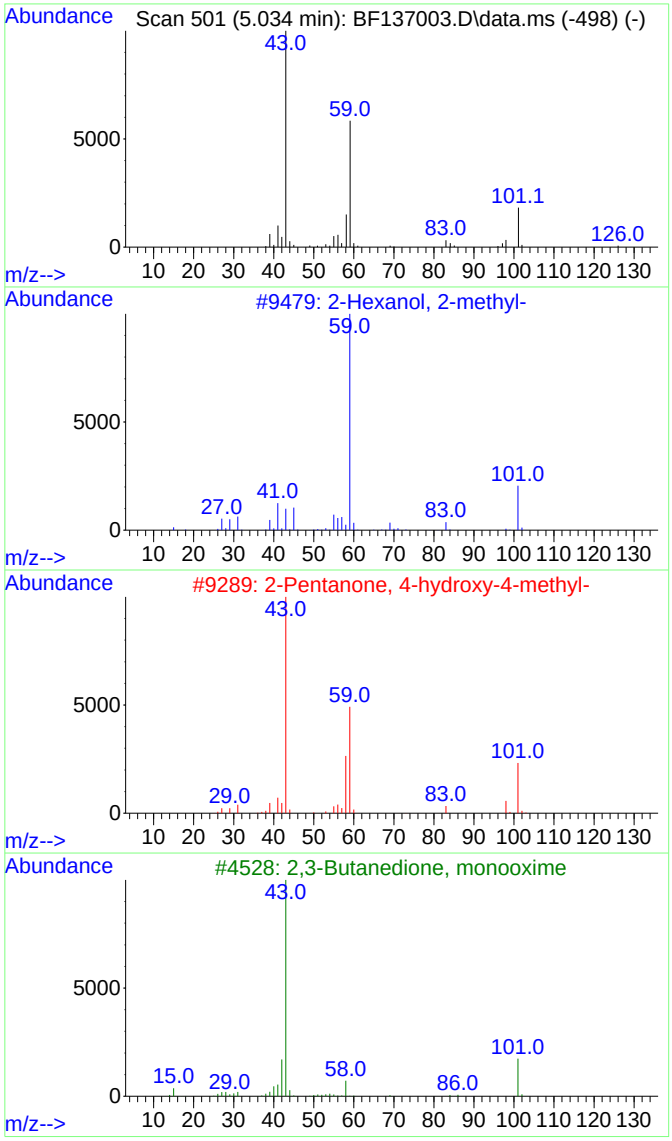
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

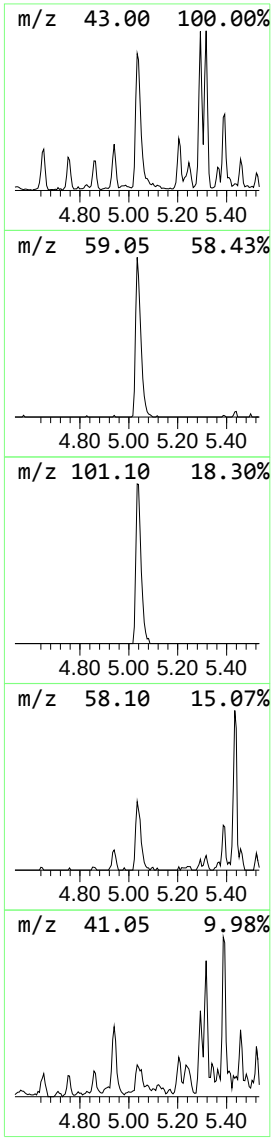
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Hexanol, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.034	4.17 ng	128728	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137003.D
Acq On : 08 Jan 2024 19:33
Operator : CG\JU
Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
340

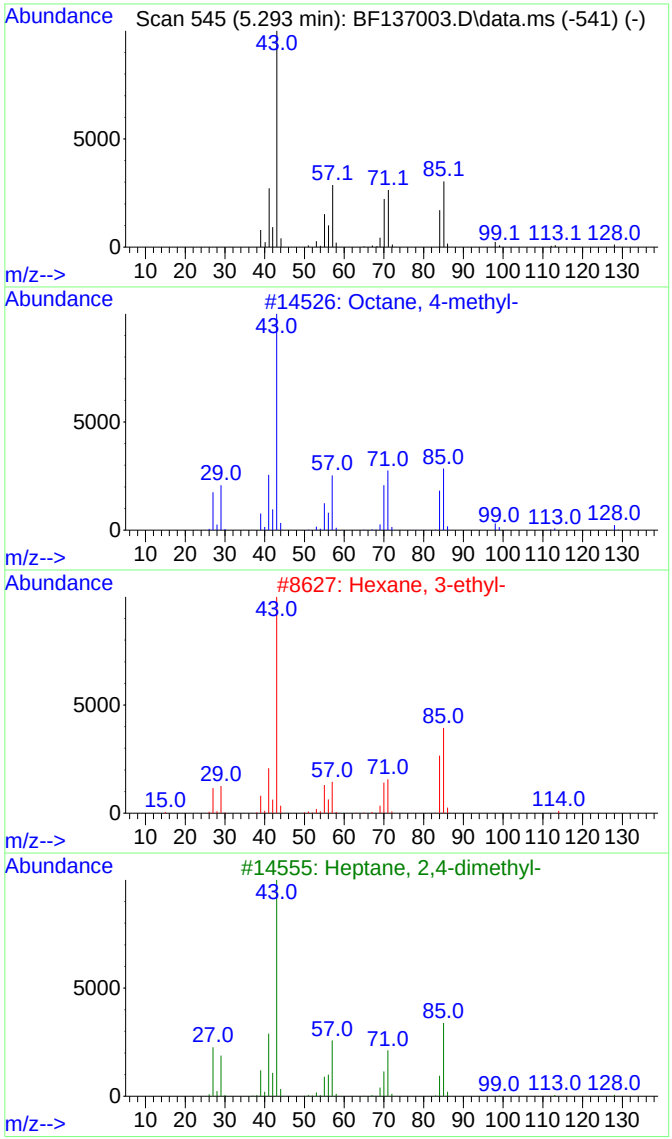
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

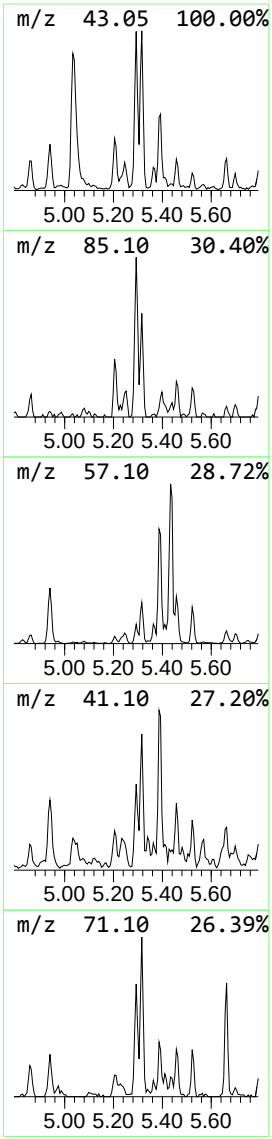
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Octane, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.293	3.93 ng	121316	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	83
2	Hexane, 3-ethyl-	114	C8H18	000619-99-8	80
3	Heptane, 2,4-dimethyl-	128	C9H20	002213-23-2	64
4	Carbonic acid, nonyl vinyl ester	214	C12H22O3	1000383-25-6	53
5	Heptane, 4-ethyl-	128	C9H20	002216-32-2	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137003.D
Acq On : 08 Jan 2024 19:33
Operator : CG\JU
Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
340

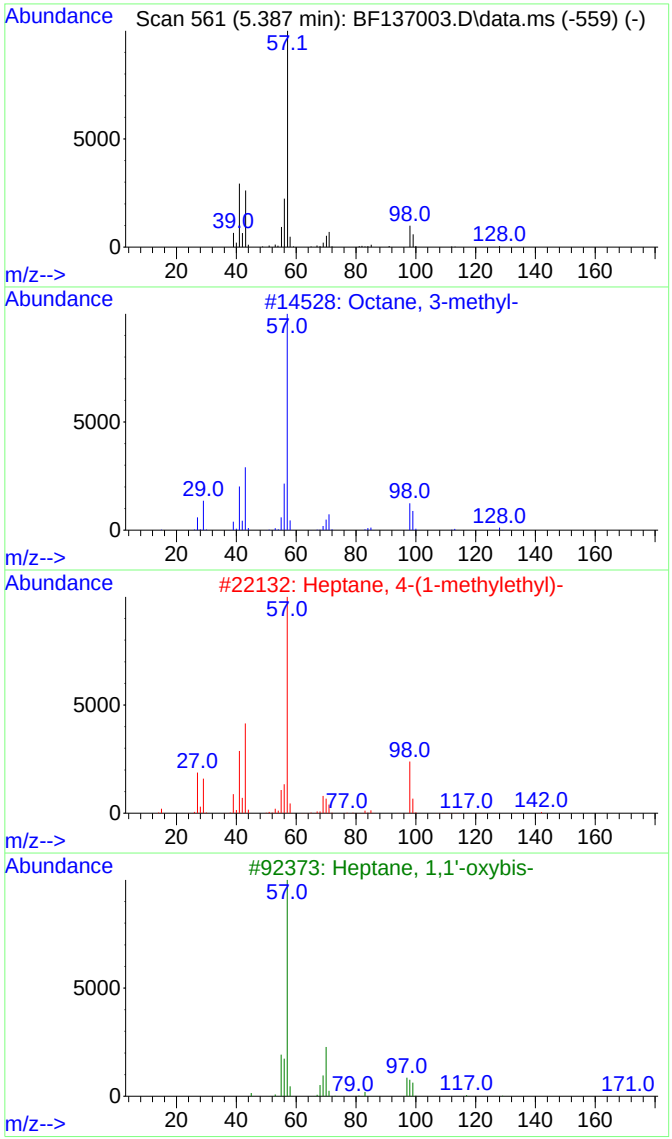
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

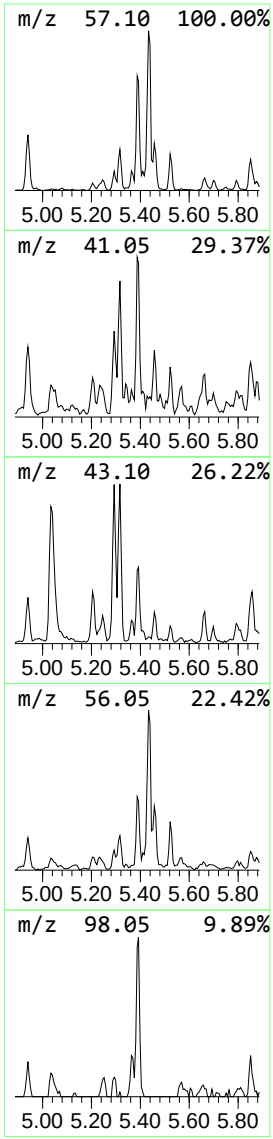
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Octane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.387	4.89 ng	151005	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3-methyl-	128	C9H20	002216-33-3	91
2	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	50
4	Butane, 2,2,3,3-tetramethyl-	114	C8H18	000594-82-1	50
5	Heptane, 3-bromo-	178	C7H15Br	001974-05-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137003.D
Acq On : 08 Jan 2024 19:33
Operator : CG\JU
Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
340

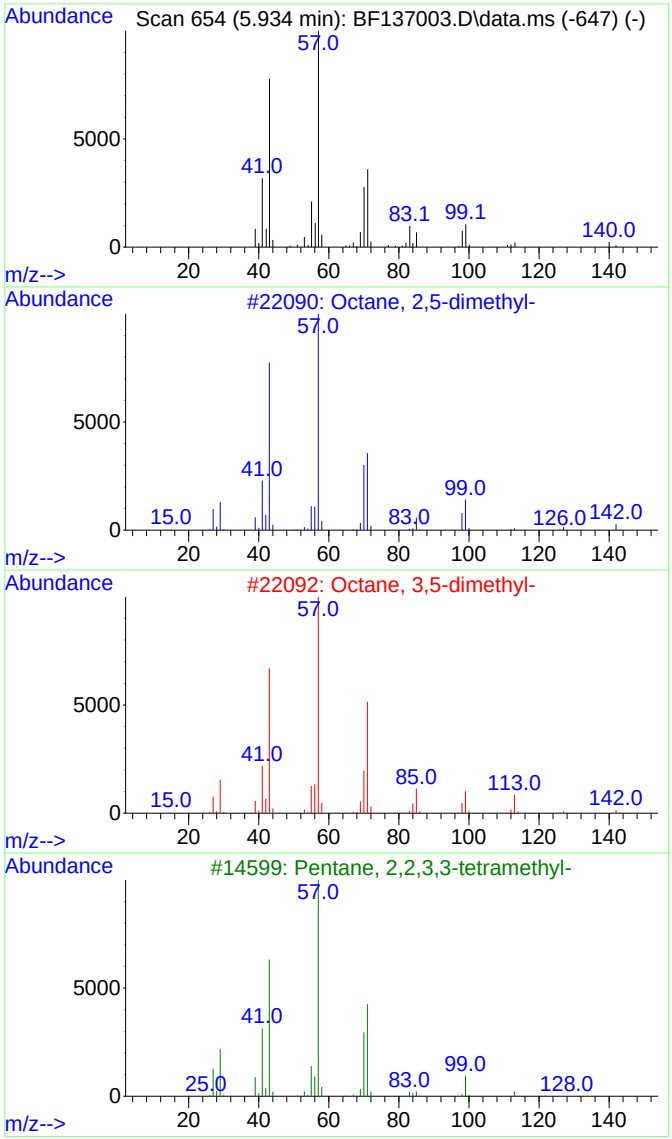
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

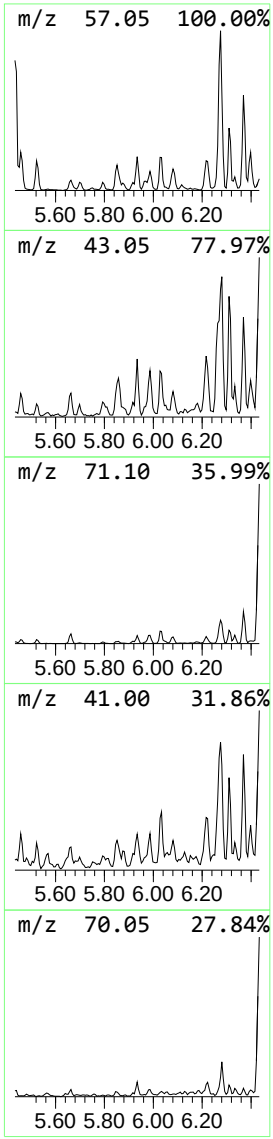
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Octane, 2,5-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.934	3.82 ng	117718	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	78
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	72
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	72
4	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	64
5	Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137003.D
Acq On : 08 Jan 2024 19:33
Operator : CG\JU
Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
340

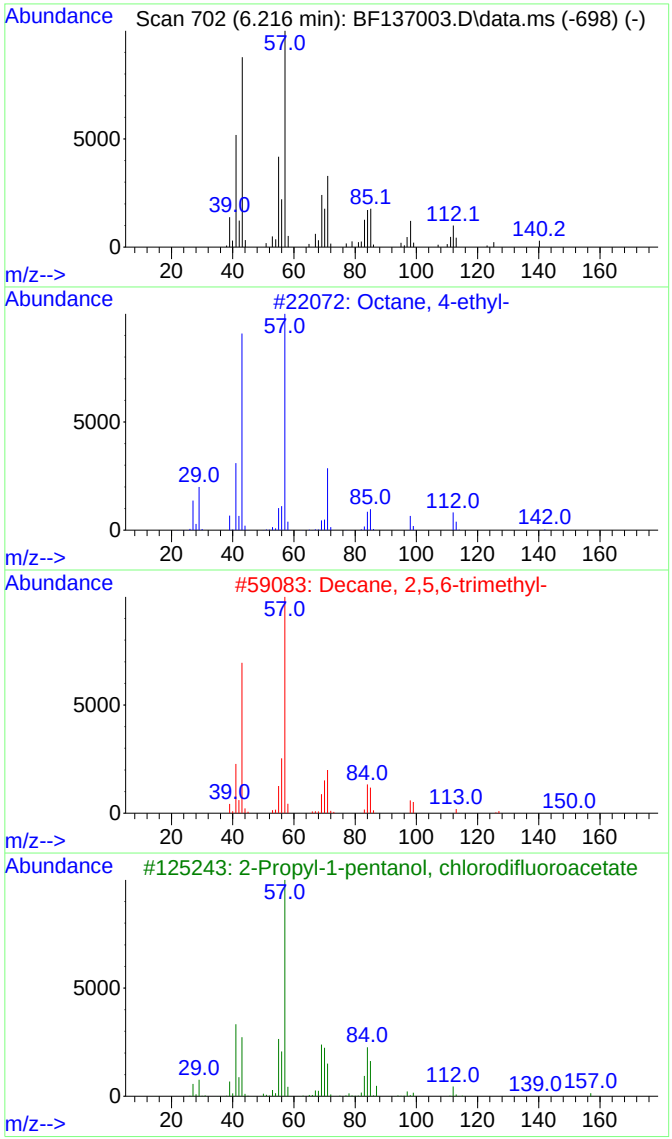
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

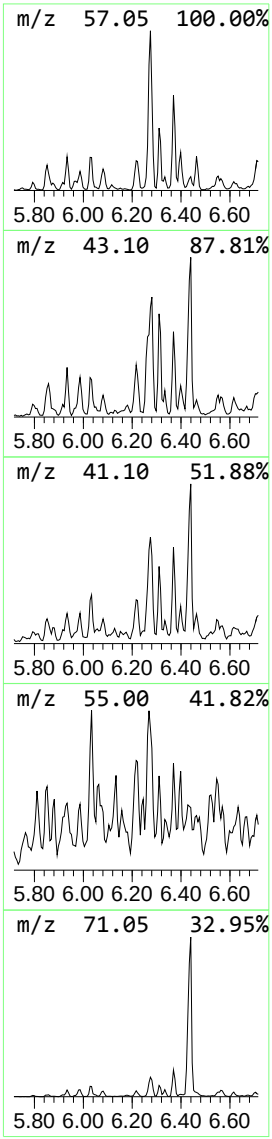
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Octane, 4-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.216	4.84 ng	149447	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-ethyl-	142	C10H22	015869-86-0	59
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	53
3	2-Propyl-1-pentanol, chlorodiflu...	242	C10H17ClF2O2	1000447-27-3	52
4	2-Propyl-1-pentanol, pentafluoro...	276	C11H17F5O2	1000365-51-2	38
5	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137003.D
Acq On : 08 Jan 2024 19:33
Operator : CG\JU
Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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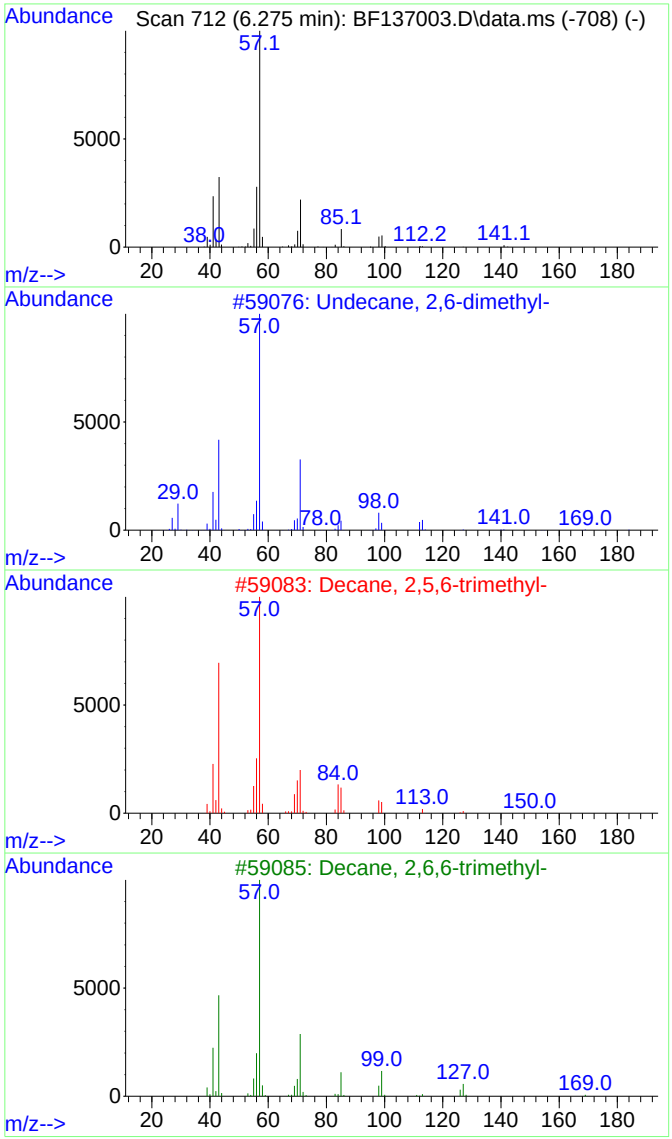
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

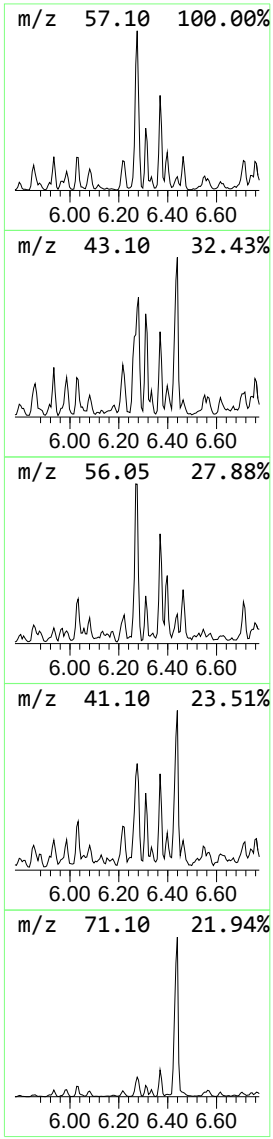
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.275	13.95 ng	430454	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	59
3	Decane, 2,6,6-trimethyl-	184	C13H28	062108-24-1	59
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
5	Hexane, 2,2,5-trimethyl-	128	C9H20	003522-94-9	53





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Data File : BF137003.D
Acq On : 08 Jan 2024 19:33
Operator : CG\JU
Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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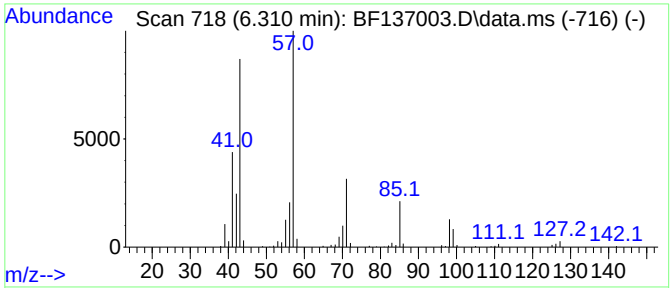
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

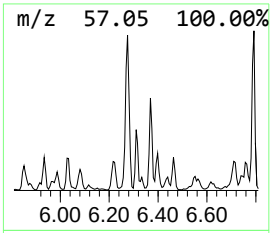
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

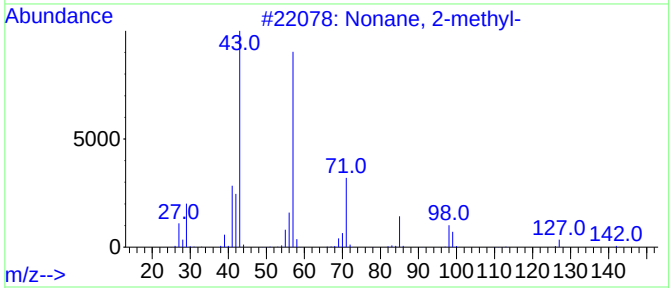
****
Peak Number 8 Nonane, 2-methyl- Concentration Rank 11

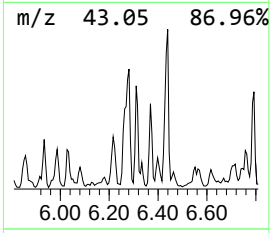
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.310	4.95 ng	152616	1,4-Dichlorobenzene-d4	6.781

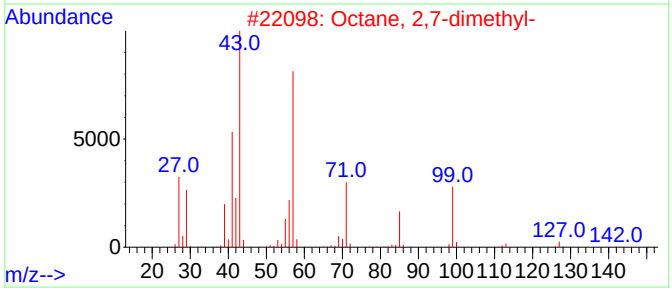
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-	142	C10H22	000871-83-0	87
2	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	83
3	Octane, 2-methyl-	128	C9H20	003221-61-2	59
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	53
5	Decane, 5-methyl-	156	C11H24	013151-35-4	50

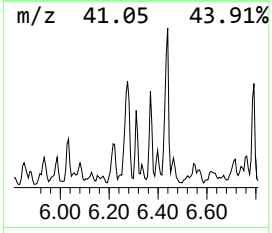


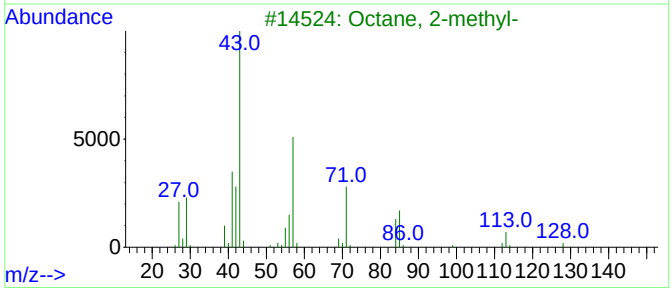


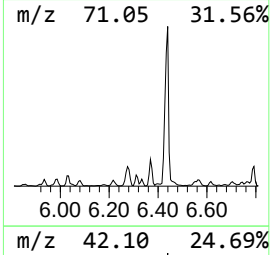


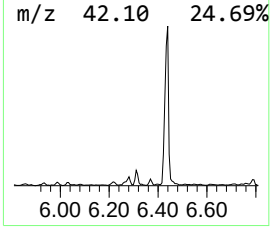












Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137003.D
Acq On : 08 Jan 2024 19:33
Operator : CG\JU
Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
340

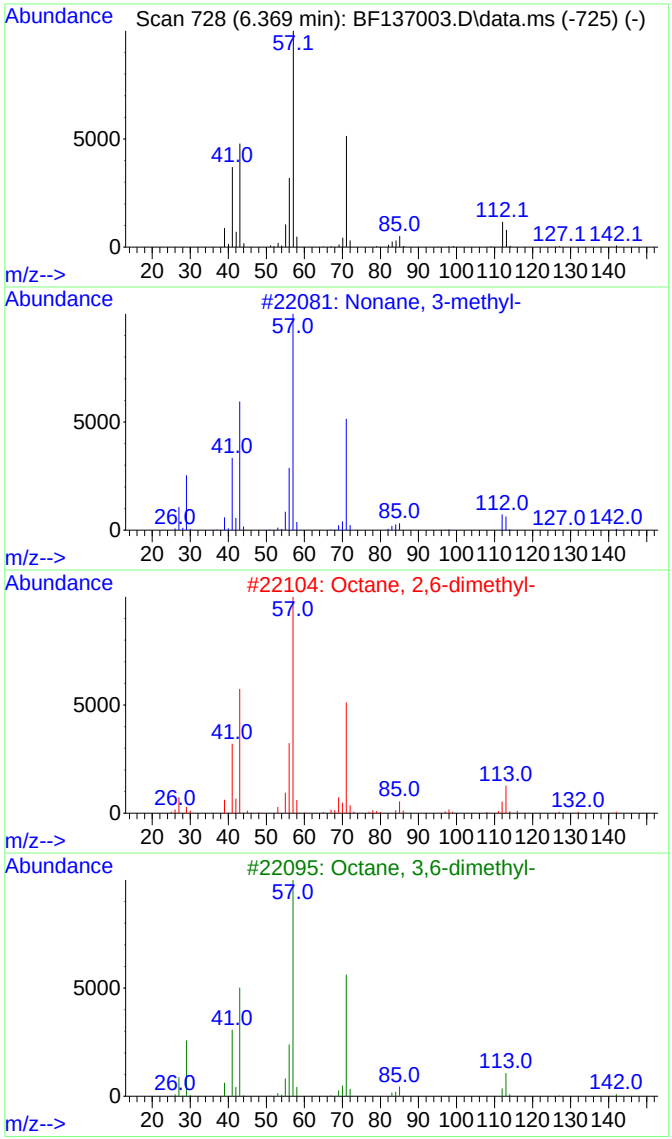
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

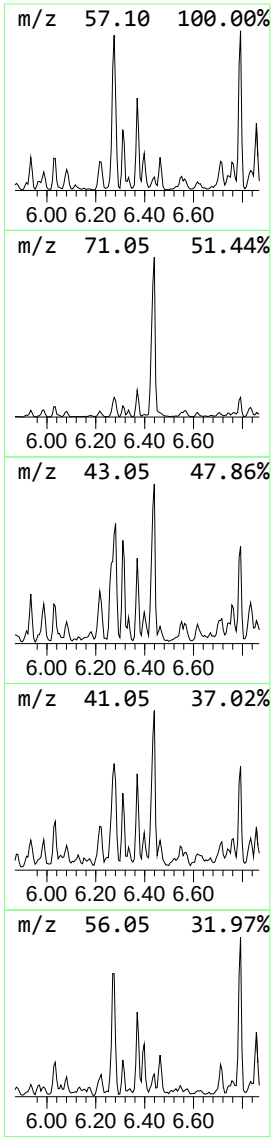
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Nonane, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.369	6.28 ng	193865	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3-methyl-	142	C10H22	005911-04-6	94
2	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	74
4	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	64
5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	64





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Acq On : 08 Jan 2024 19:33
Operator : CG\JU
Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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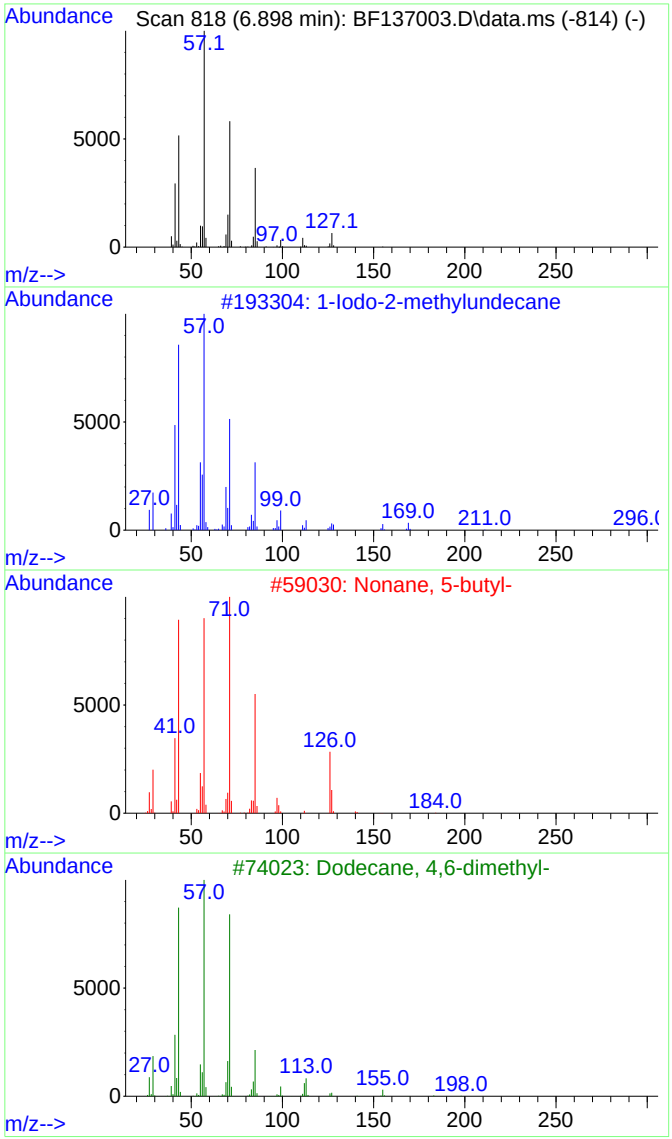
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

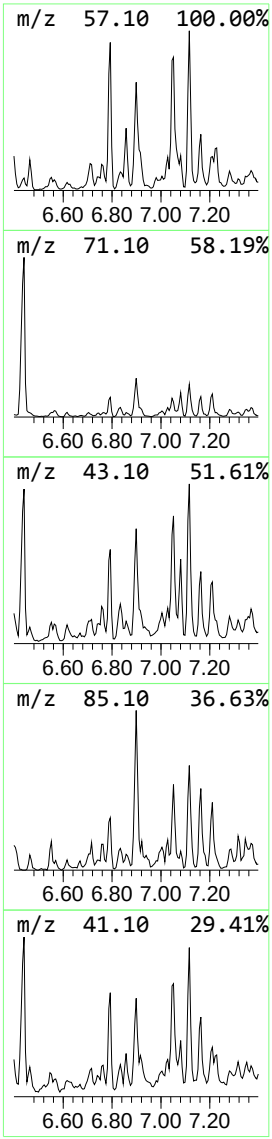
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1-Iodo-2-methylundecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.898	9.75 ng	300822	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	64
3	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
4	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	59
5	Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	53





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Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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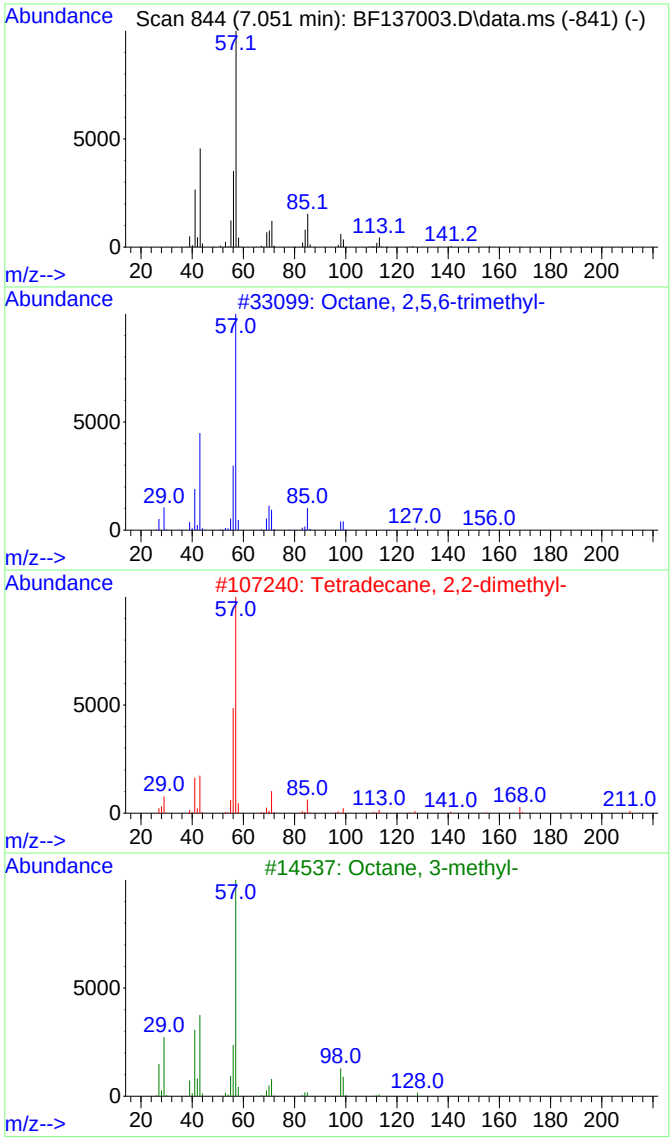
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

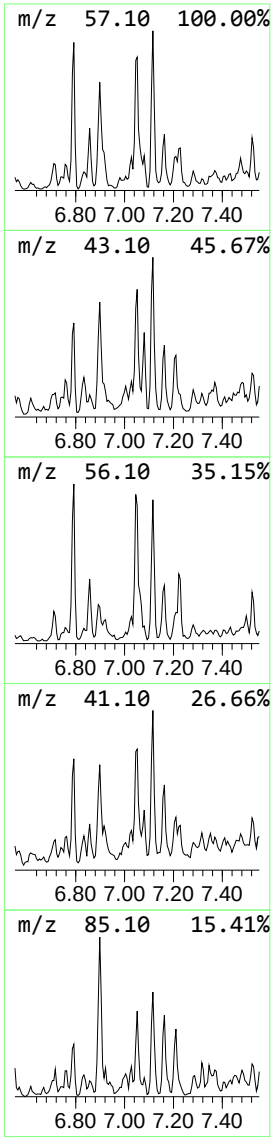
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Octane, 2,5,6-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.051	11.16 ng	344373	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	83
2	Tetradecane, 2,2-dimethyl-	226	C16H34	059222-86-5	64
3	Octane, 3-methyl-	128	C9H20	002216-33-3	59
4	Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	53
5	Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	53





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Acq On : 08 Jan 2024 19:33
Operator : CG\JU
Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

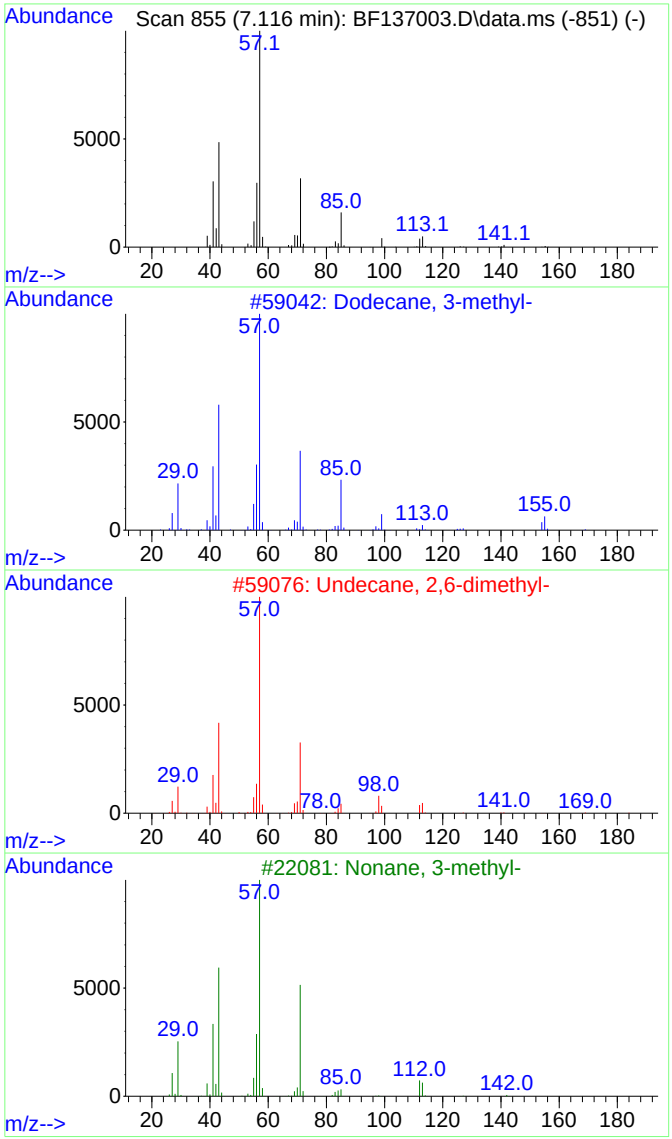
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

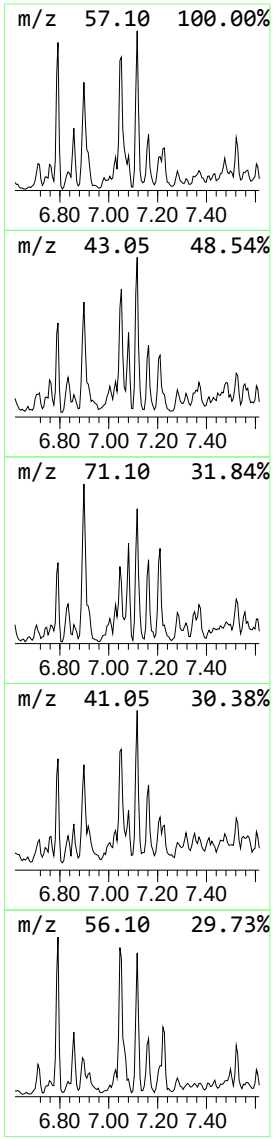
****

Peak Number 12 Dodecane, 3-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.116	12.07 ng	372233	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 3-methyl-	184	C13H28	017312-57-1	72
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	59
3	Nonane, 3-methyl-	142	C10H22	005911-04-6	53
4	Tridecane, 7-methyl-	198	C14H30	026730-14-3	50
5	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	50





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Operator : CG\JU
Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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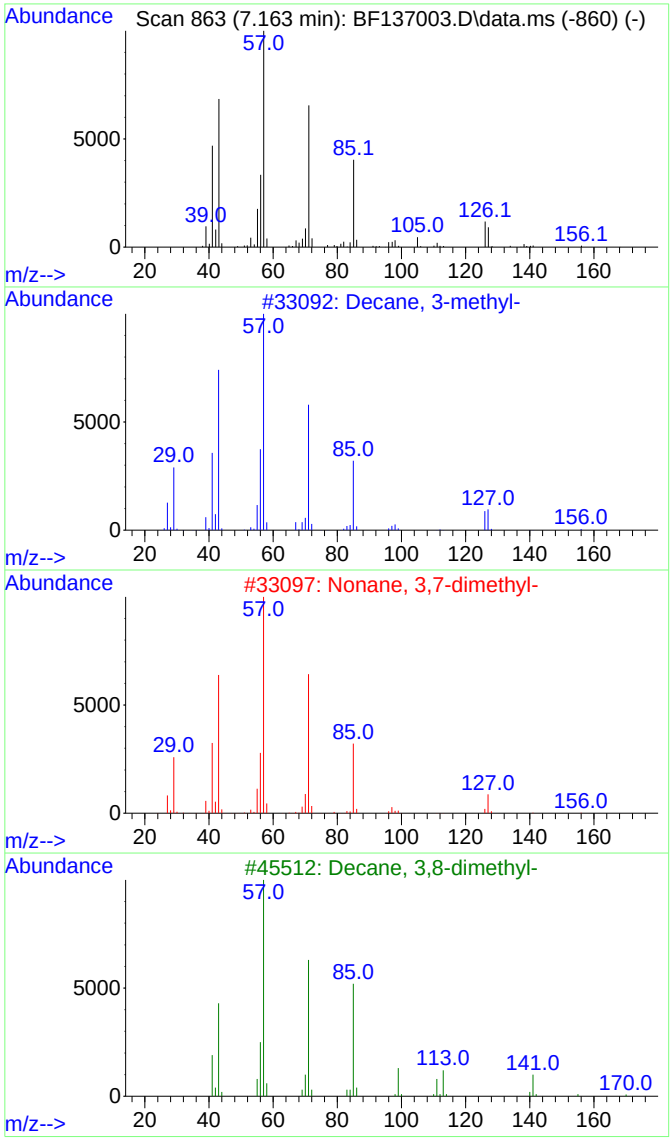
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

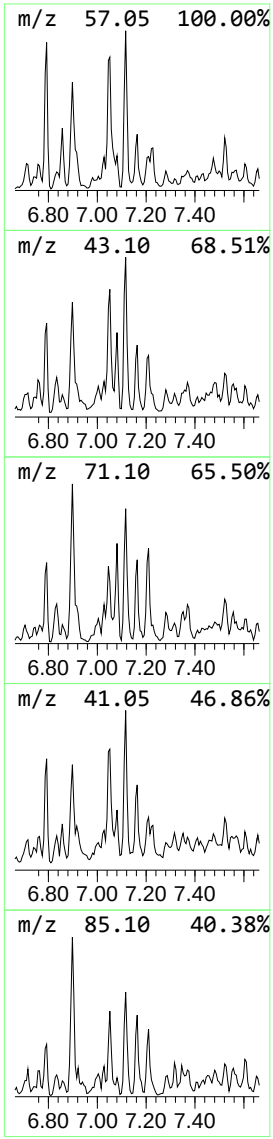
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Decane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.163	5.79 ng	178619	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3-methyl-	156	C11H24	013151-34-3	95
2	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	80
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	64
4	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	50





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Acq On : 08 Jan 2024 19:33
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Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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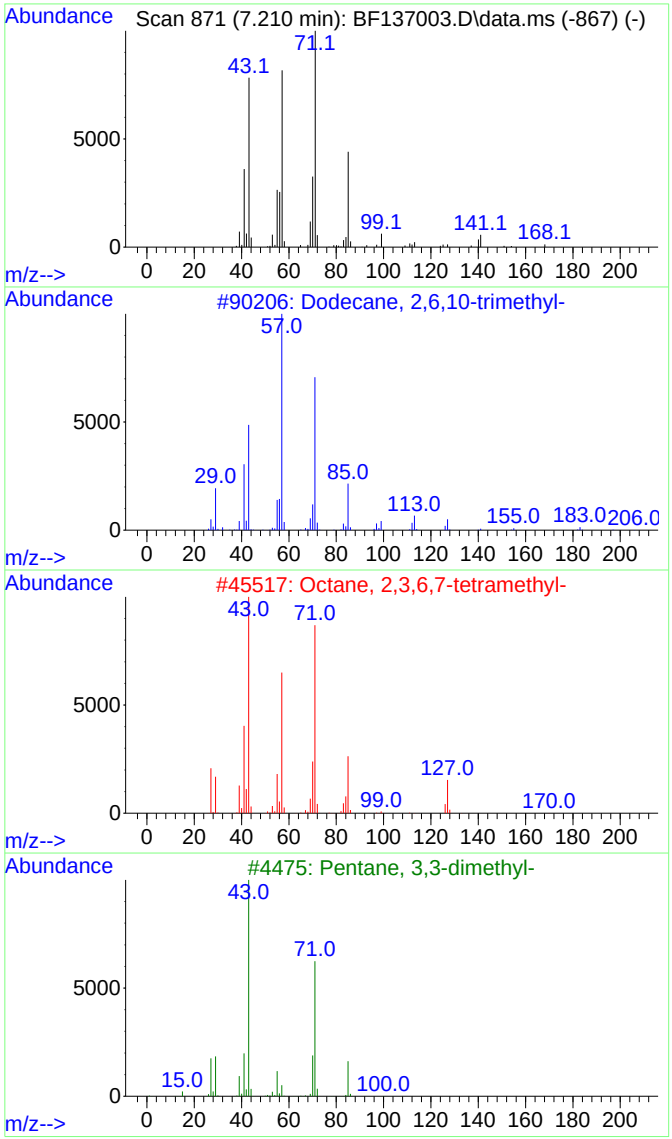
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

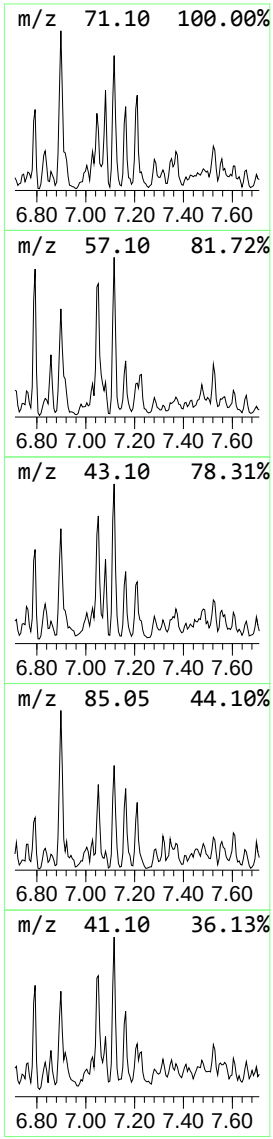
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Dodecane, 2,6,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.210	4.64 ng	143090	1,4-Dichlorobenzene-d4	6.781

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2	Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	64
3	Pentane, 3,3-dimethyl-	100	C7H16	000562-49-2	59
4	Undecane, 3,3-dimethyl-	184	C13H28	017312-65-1	50
5	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	50





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Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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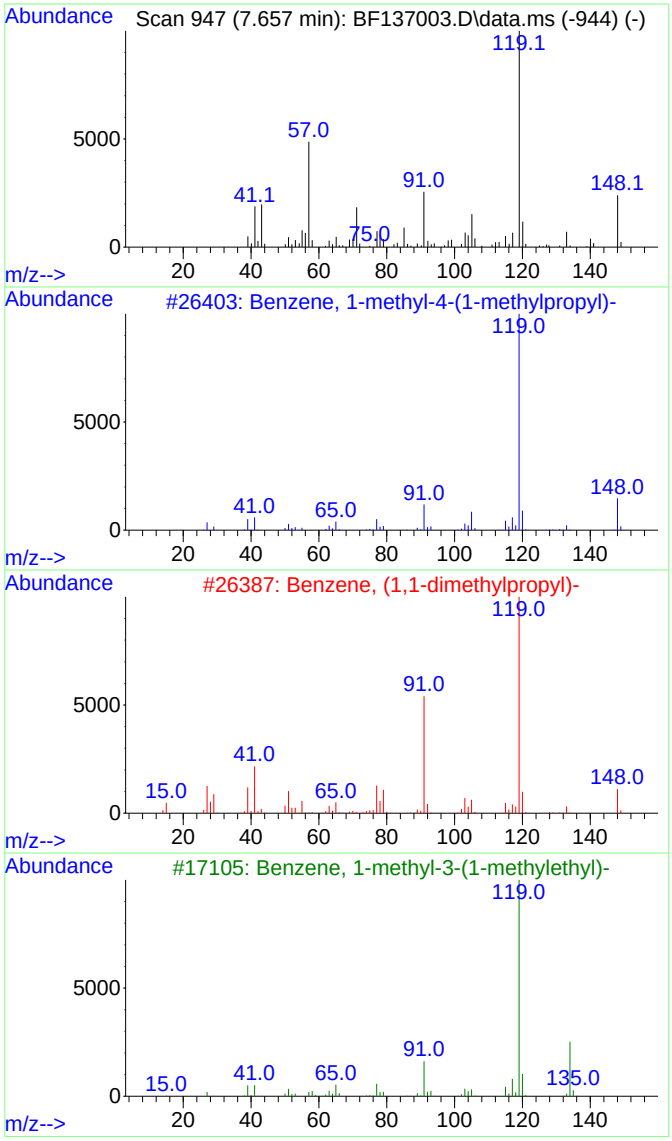
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

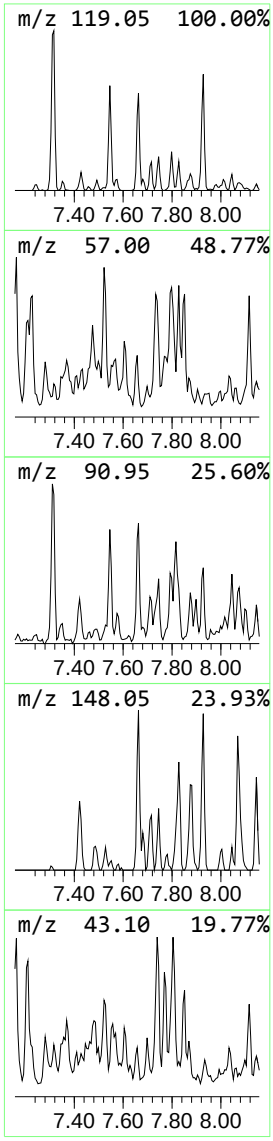
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzene, 1-methyl-4-(1-meth... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.657	4.04 ng	145242	Naphthalene-d8	8.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	83
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	76
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	64
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	59
5	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137003.D
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Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
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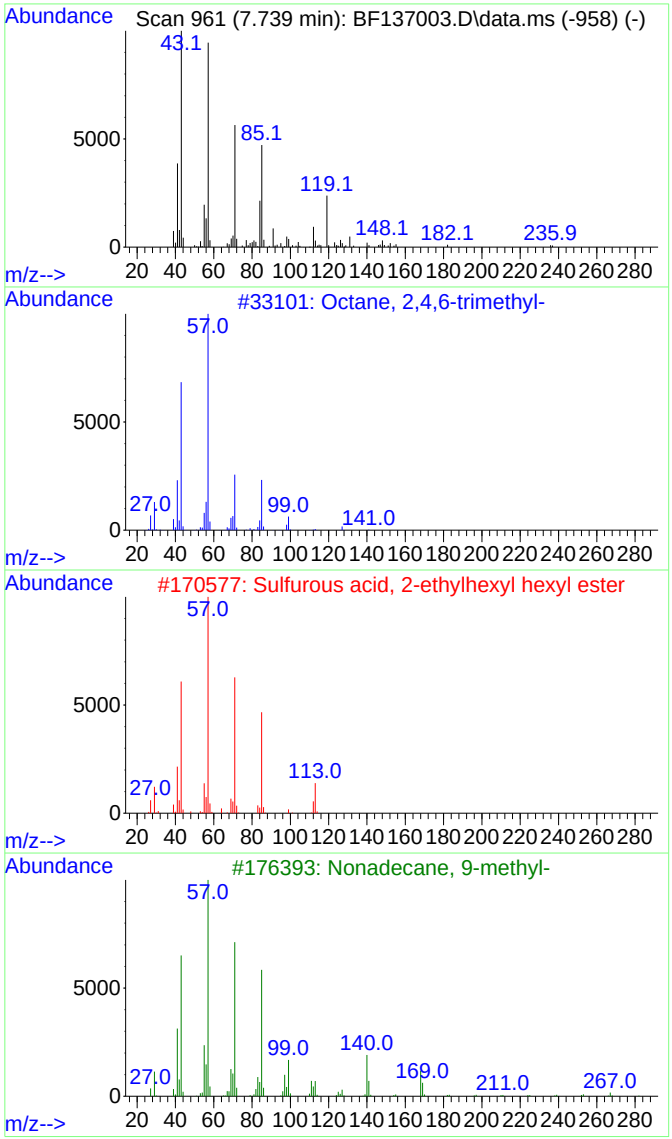
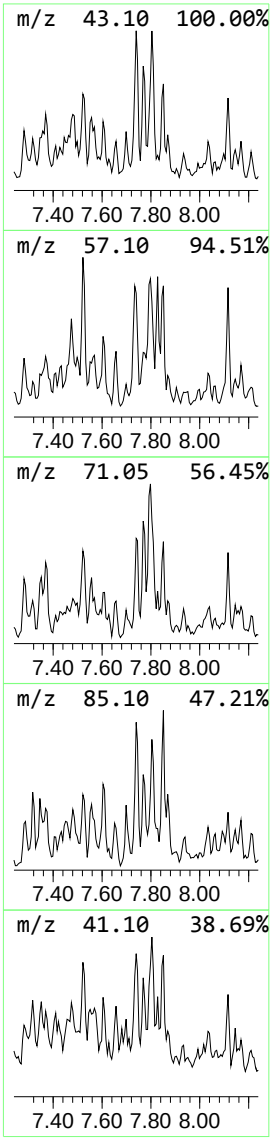
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Octane, 2,4,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.739	5.14 ng	184501	Naphthalene-d8	8.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	53
2	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	53
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	53
4	Decane, 1-iodo-	268	C10H21I	002050-77-3	47
5	4-Methyl-5-nonanone	156	C10H20O	035900-26-6	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137003.D
Acq On : 08 Jan 2024 19:33
Operator : CG\JU
Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
340

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

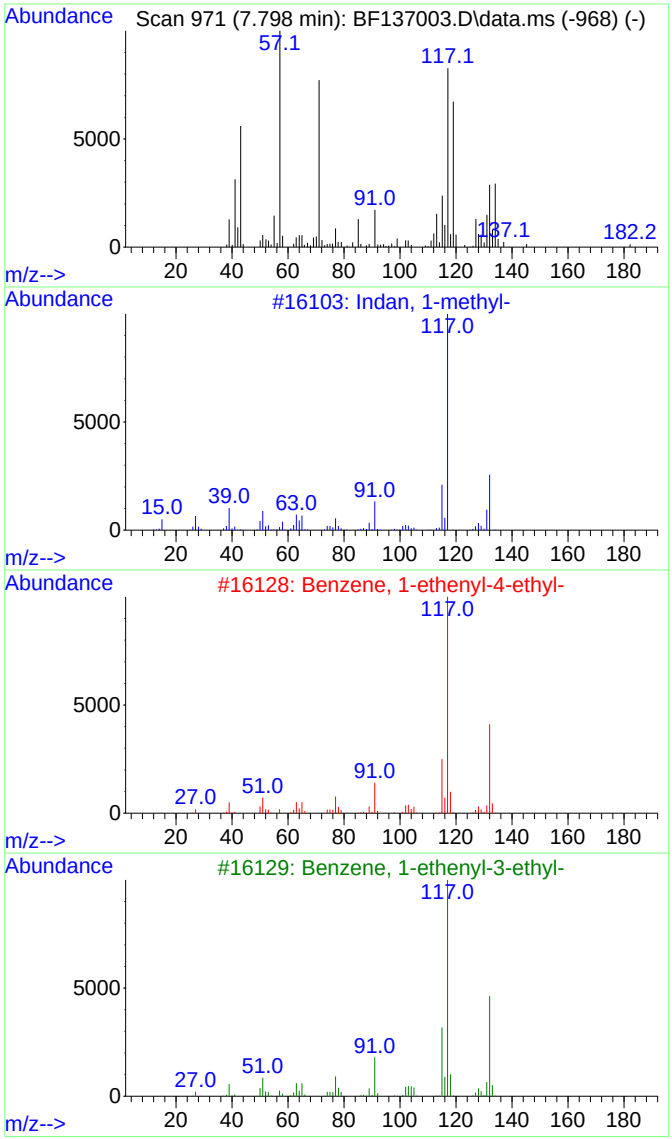
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

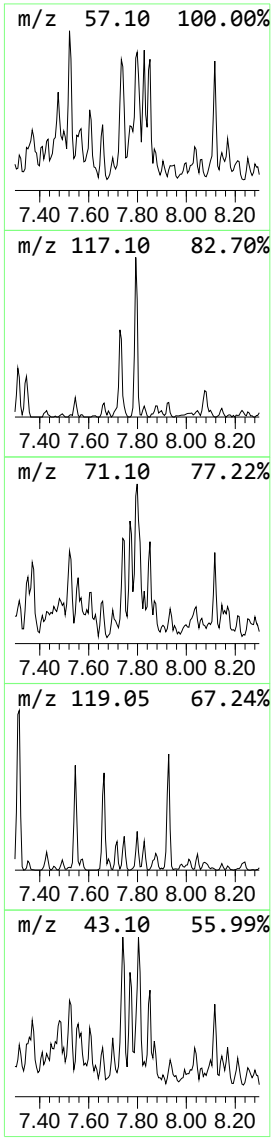
****

Peak Number 17 unknown7.798 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.798	7.53 ng	270544	Naphthalene-d8	8.057

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	46
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	38
3	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	38
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	38
5	1-Methyl-2-phenylcyclopropane	132	C10H12	003145-76-4	38





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Operator : CG\JU
Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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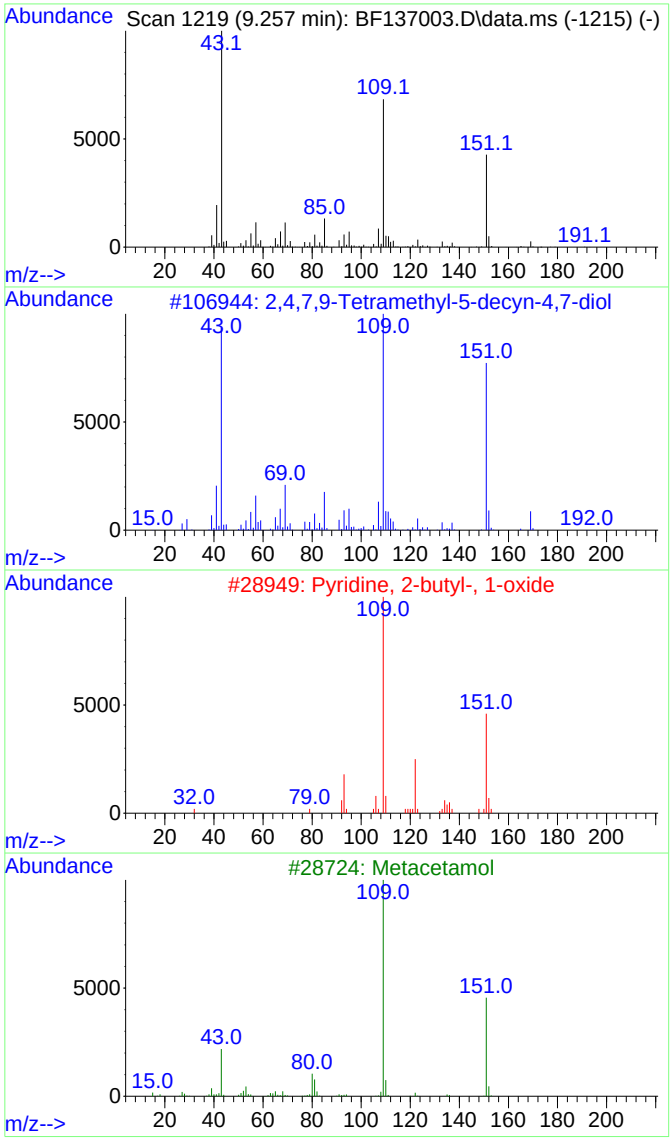
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

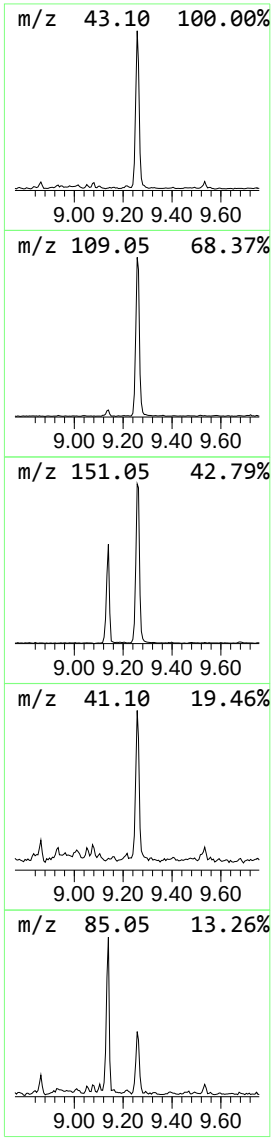
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.257	30.15 ng	774758	Acenaphthene-d10	9.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	87
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	59
3	Metacetamol	151	C8H9NO2	000621-42-1	53
4	Butanamide, N-acetyl-N-(4-hydrox...	221	C12H15NO3	1000107-08-7	36
5	2-Thiophenecarbonitrile	109	C5H3NS	001003-31-2	35





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Acq On : 08 Jan 2024 19:33
Operator : CG\JU
Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
340

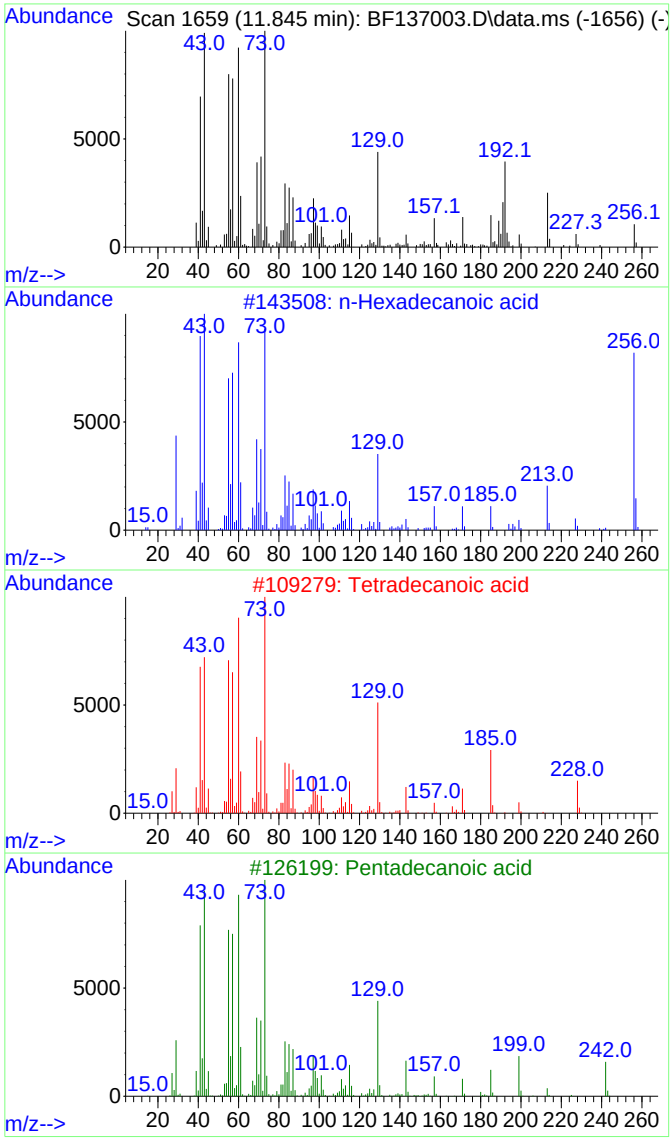
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

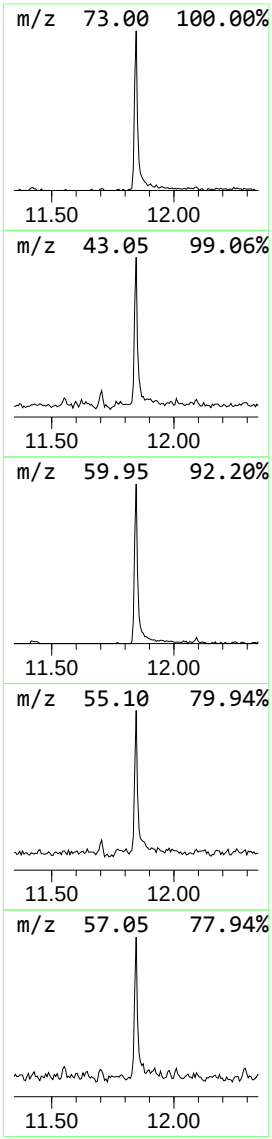
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.845	10.92 ng	273544	Phenanthrene-d10	11.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64





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Data File : BF137003.D
Acq On : 08 Jan 2024 19:33
Operator : CG\JU
Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
340

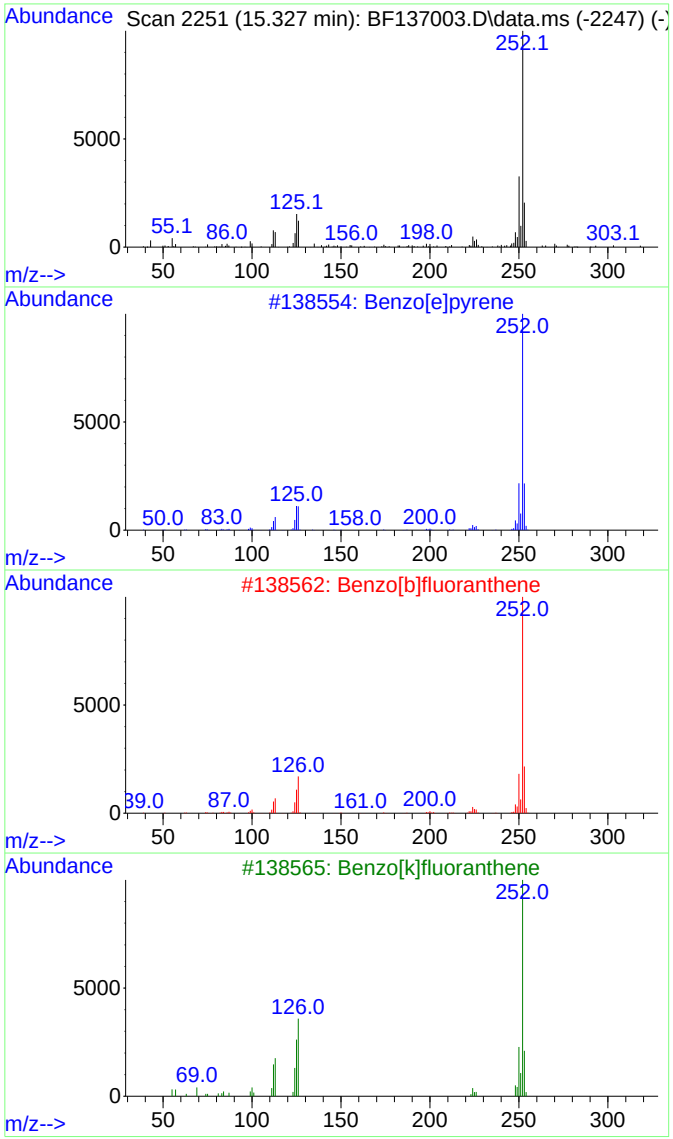
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

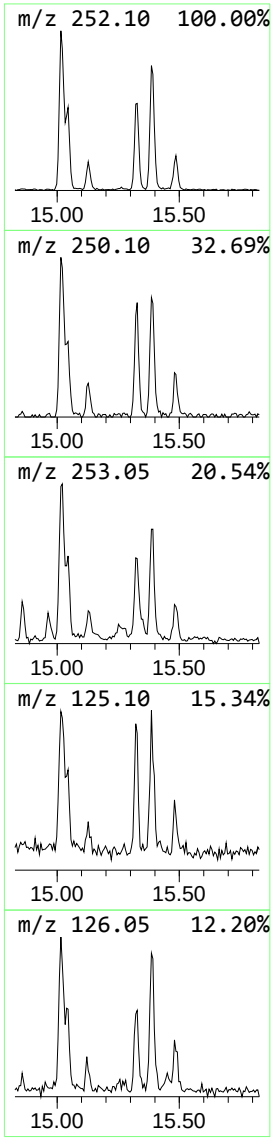
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.327	4.52 ng	84744	Perylene-d12	15.451

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[k]fluoranthene	252	C20H12	000207-08-9	94
4	Benzo[a]pyrene	252	C20H12	000050-32-8	94
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
Data File : BF137003.D
Acq On : 08 Jan 2024 19:33
Operator : CG\JU
Sample : P1051-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
340

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.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
Hexane, 2,2,4-t...	4.134	4.7	ng	143896	1	6.781	617046	20.0
2-Hexanol, 2-me...	5.034	4.2	ng	128728	1	6.781	617046	20.0
Octane, 4-methyl-	5.293	3.9	ng	121316	1	6.781	617046	20.0
Octane, 3-methyl-	5.387	4.9	ng	151005	1	6.781	617046	20.0
Octane, 2,5-dim...	5.934	3.8	ng	117718	1	6.781	617046	20.0
Octane, 4-ethyl-	6.216	4.8	ng	149447	1	6.781	617046	20.0
Undecane, 2,6-d...	6.275	13.9	ng	430454	1	6.781	617046	20.0
Nonane, 2-methyl-	6.310	5.0	ng	152616	1	6.781	617046	20.0
Nonane, 3-methyl-	6.369	6.3	ng	193865	1	6.781	617046	20.0
1-Iodo-2-methyl...	6.898	9.8	ng	300822	1	6.781	617046	20.0
Octane, 2,5,6-t...	7.051	11.2	ng	344373	1	6.781	617046	20.0
Dodecane, 3-met...	7.116	12.1	ng	372233	1	6.781	617046	20.0
Decane, 3-methyl-	7.163	5.8	ng	178619	1	6.781	617046	20.0
Dodecane, 2,6,1...	7.210	4.6	ng	143090	1	6.781	617046	20.0
Benzene, 1-meth...	7.657	4.0	ng	145242	2	8.057	718177	20.0
Octane, 2,4,6-t...	7.739	5.1	ng	184501	2	8.057	718177	20.0
unknown7.798	7.798	7.5	ng	270544	2	8.057	718177	20.0
2,4,7,9-Tetrame...	9.257	30.1	ng	774758	3	9.816	513901	20.0
n-Hexadecanoic ...	11.845	10.9	ng	273544	4	11.310	501073	20.0
Benzo[e]pyrene	15.327	4.5	ng	84744	6	15.451	375232	20.0