LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
Data File : BF127548.D
Acq On : 28 Mar 2022 18:10
Operator : CG\JU
Sample : N2123-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

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-BF032122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF127548.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.063	470	472	490	rBV	42350	75557	2.58%	0.251%
2	5.316	512	515	524	rBV	160117	153069	5.22%	0.509%
3	5.422	530	533	536	rBV	88836	96990	3.31%	0.323%
4	5.463	538	540	560	rVB	877434	953105	32.50%	3.171%
5	5.681	573	577	583	rBV	139097	130703	4.46%	0.435%
6	5.998	626	631	637	rVB	45234	44877	1.53%	0.149%
7	6.351	689	691	694	rBV	107065	85766	2.92%	0.285%
8	6.387	694	697	700	rVB	61469	48299	1.65%	0.161%
9	6.428	702	704	709	rVB3	42292	42647	1.45%	0.142%
10	6.469	709	711	717	rBV	921587	900122	30.69%	2.994%
11	6.510	717	718	723	rVB	95609	82863	2.83%	0.276%
12	6.598	728	733	739	rVV2	33979	58554	2.00%	0.195%
13	6.651	739	742	750	rVB	233174	224918	7.67%	0.748%
14	6.834	769	773	779	rBV	609434	595946	20.32%	1.982%
15	6.887	779	782	788	rVB3	138859	176738	6.03%	0.588%
16	7.004	799	802	807	rVB	231743	205537	7.01%	0.684%
17	7.087	813	816	823	rVB	570302	523494	17.85%	1.741%
18	7.145	823	826	831	rBV2	40732	44743	1.53%	0.149%
19	7.287	848	850	853	rBV2	35043	31502	1.07%	0.105%
20	7.357	857	862	865	rBV	104268	101253	3.45%	0.337%
21	7.398	865	869	875	rBV	1778906	1825249	62.23%	6.072%
22	7.563	894	897	900	rVB	46892	47673	1.63%	0.159%
23	7.593	900	902	905	rVV	35748	30137	1.03%	0.100%
24	7.622	905	907	911	rVB	63695	50597	1.73%	0.168%
25	7.781	931	934	938	rVB	76571	67667	2.31%	0.225%
26	7.863	941	948	950	rBV4	354501	534867	18.24%	1.779%
27	7.892	950	953	955	rBV	500694	485944	16.57%	1.617%
28	7.981	965	968	973	rVB4	37599	36845	1.26%	0.123%
29	8.116	987	991	992	rBV	786067	756159	25.78%	2.515%
30	8.134	992	994	1000	rVB	1876026	1872853	63.85%	6.230%
31	8.187	1000	1003	1006	rBV	211814	200067	6.82%	0.666%
32	8.451	1043	1048	1050	rBV	89038	105236	3.59%	0.350%
33	8.475	1050	1052	1056	rVB4	58180	63757	2.17%	0.212%
34	8.551	1061	1065	1067	rBV	73671	83471	2.85%	0.278%
35	8.575	1067	1069	1072	rVV4	86484	106426	3.63%	0.354%
36	8.616	1072	1076	1081	rVB2	124510	173488	5.91%	0.577%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
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Acq On : 28 Mar 2022 18:10
Operator : CG\JU
Sample : N2123-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

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-BF032122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	8.692	1081	1089	1096	rBV5	121528	194906	6.65%	0.648%
38	8.757	1096	1100	1101	rBV2	46753	46239	1.58%	0.154%
39	8.781	1101	1104	1108	rVB	145155	123520	4.21%	0.411%
40	8.828	1108	1112	1115	rBV	1212289	1055666	35.99%	3.512%
41	8.881	1119	1121	1123	rBV	56738	44540	1.52%	0.148%
42	8.928	1123	1129	1132	rVV	1814713	1750303	59.68%	5.822%
43	9.010	1138	1143	1148	rVB4	41765	76085	2.59%	0.253%
44	9.057	1148	1151	1153	rBV2	37131	39099	1.33%	0.130%
45	9.122	1159	1162	1165	rBV2	69712	58974	2.01%	0.196%
46	9.187	1168	1173	1177	rBV	2961077	2933053	100.00%	9.757%
47	9.222	1177	1179	1182	rBV2	25886	29523	1.01%	0.098%
48	9.257	1182	1185	1188	rVV	151396	122563	4.18%	0.408%
49	9.292	1188	1191	1196	rVB	123509	131562	4.49%	0.438%
50	9.386	1204	1207	1212	rVB	210335	246460	8.40%	0.820%
51	9.451	1214	1218	1223	rVV3	286166	402134	13.71%	1.338%
52	9.528	1227	1231	1233	rVV	444435	475233	16.20%	1.581%
53	9.557	1233	1236	1239	rVV2	268615	306290	10.44%	1.019%
54	9.586	1239	1241	1244	rVV	175706	144450	4.92%	0.481%
55	9.645	1248	1251	1259	rVV	242798	283567	9.67%	0.943%
56	9.728	1262	1265	1270	rVV2	215317	216419	7.38%	0.720%
57	9.786	1272	1275	1278	rVB2	51376	46531	1.59%	0.155%
58	9.869	1286	1289	1292	rVB	949090	770505	26.27%	2.563%
59	9.904	1292	1295	1301	rVB	764044	651429	22.21%	2.167%
60	9.951	1301	1303	1307	rBV2	73847	89640	3.06%	0.298%
61	10.075	1320	1324	1327	rVB2	102213	111975	3.82%	0.372%
62	10.110	1327	1330	1334	rVB2	49679	50396	1.72%	0.168%
63	10.186	1340	1343	1345	rBV	50159	50430	1.72%	0.168%
64	10.216	1345	1348	1352	rVB	36195	37394	1.27%	0.124%
65	10.269	1352	1357	1358	rBV3	46518	68951	2.35%	0.229%
66	10.392	1375	1378	1380	rBV	78536	66229	2.26%	0.220%
67	10.422	1380	1383	1388	rVB	233664	225666	7.69%	0.751%
68	10.469	1388	1391	1392	rBV	38316	31494	1.07%	0.105%
69	10.533	1399	1402	1403	rBV	40647	40666	1.39%	0.135%
70	10.663	1418	1424	1431	rBV2	1529707	1444492	49.25%	4.805%
71	10.804	1445	1448	1453	rVB3	44301	64890	2.21%	0.216%
72	10.969	1472	1476	1478	rBV2	57544	74931	2.55%	0.249%
73	10.998	1478	1481	1483	rVB3	49445	48045	1.64%	0.160%
74	11.051	1488	1490	1492	rVB2	38458	29994	1.02%	0.100%
75	11.133	1502	1504	1508	rVB2	75028	78218	2.67%	0.260%
76	11.257	1523	1525	1529	rVB	71985	71204	2.43%	0.237%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
Data File : BF127548.D
Acq On : 28 Mar 2022 18:10
Operator : CG\JU
Sample : N2123-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

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-BF032122.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	11.363	1540	1543	1545	rBV	1013498	811461	27.67%	2.699%
78	11.386	1545	1547	1550	rVV	477338	368360	12.56%	1.225%
79	11.439	1553	1556	1559	rVB	114964	90872	3.10%	0.302%
80	11.480	1560	1563	1567	rVB4	56302	62985	2.15%	0.210%
81	11.598	1580	1583	1587	rBV	469161	398655	13.59%	1.326%
82	11.739	1605	1607	1611	rVB3	59593	51671	1.76%	0.172%
83	11.863	1625	1628	1629	rBV2	64916	62594	2.13%	0.208%
84	11.880	1629	1631	1639	rVB3	145488	221421	7.55%	0.737%
85	11.975	1645	1647	1650	rBV2	47261	40919	1.40%	0.136%
86	12.051	1657	1660	1663	rBV	28959	33616	1.15%	0.112%
87	12.580	1747	1750	1757	rVB	97595	93617	3.19%	0.311%
88	12.669	1762	1765	1769	rBV3	21250	30717	1.05%	0.102%
89	12.810	1787	1789	1794	rBV	69329	80136	2.73%	0.267%
90	12.945	1808	1812	1815	rBV	2476358	2110607	71.96%	7.021%
91	13.139	1842	1845	1848	rBV2	73138	76944	2.62%	0.256%
92	13.851	1962	1966	1982	rVB2	237441	482989	16.47%	1.607%
93	14.010	1990	1993	1998	rBV	692480	597023	20.36%	1.986%
94	14.616	2093	2096	2099	rVB	41576	36922	1.26%	0.123%
95	15.492	2241	2245	2253	rVB	426751	551094	18.79%	1.833%
96	15.880	2307	2311	2319	rVB6	21171	46386	1.58%	0.154%
97	16.021	2327	2335	2340	rBV6	19940	61340	2.09%	0.204%

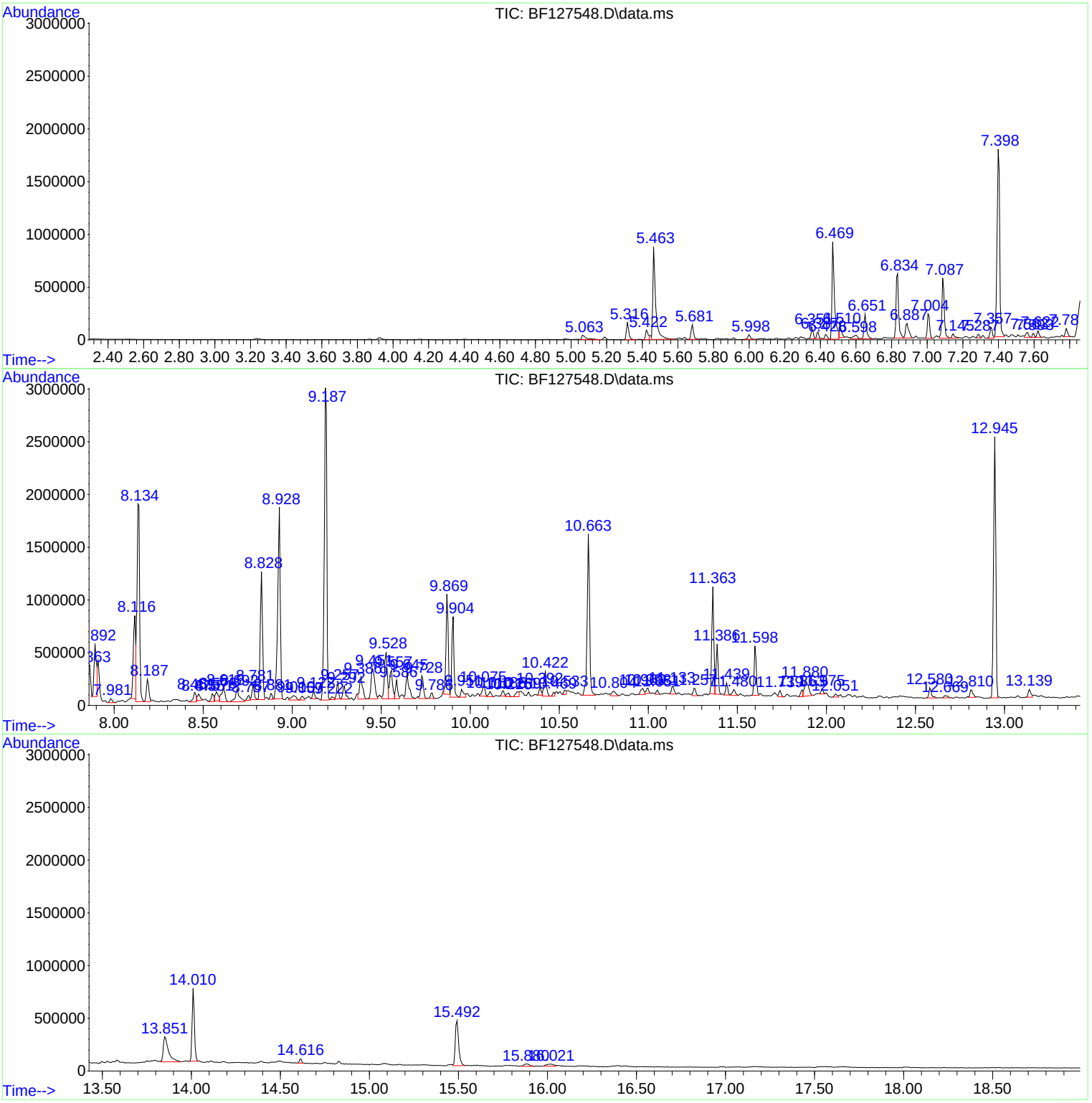
Sum of corrected areas: 30061114

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
Data File : BF127548.D
Acq On : 28 Mar 2022 18:10
Operator : CG\JU
Sample : N2123-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.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\BF032822\
Data File : BF127548.D
Acq On : 28 Mar 2022 18:10
Operator : CG\JU
Sample : N2123-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

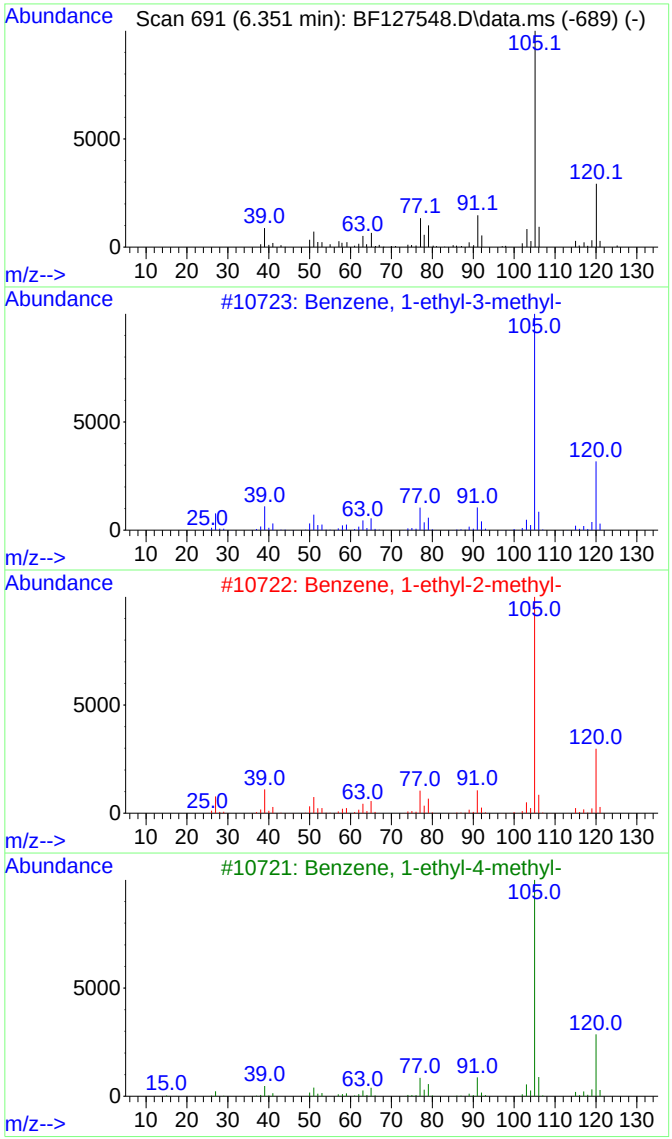
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

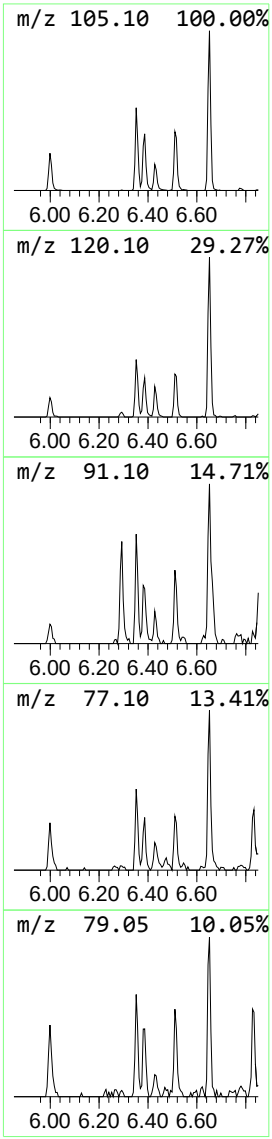
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.351	2.88 ng	85766	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
Data File : BF127548.D
Acq On : 28 Mar 2022 18:10
Operator : CG\JU
Sample : N2123-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

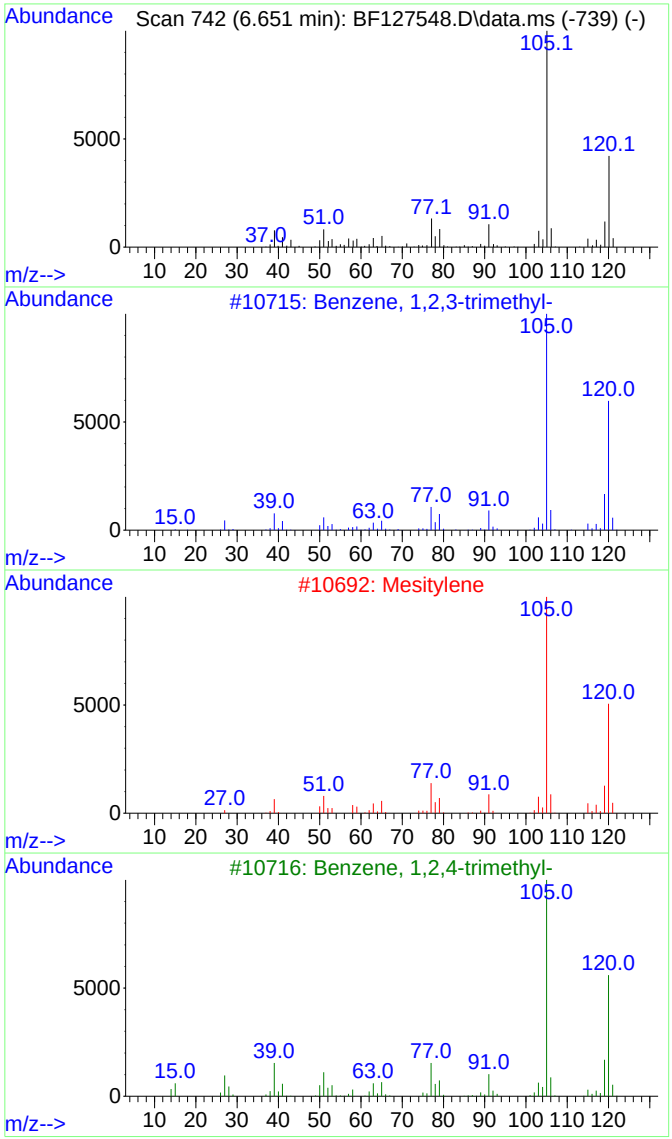
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

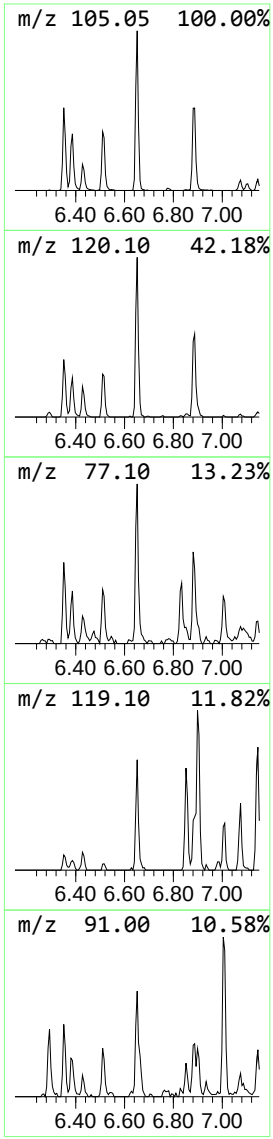
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.651	7.55 ng	224918	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
Data File : BF127548.D
Acq On : 28 Mar 2022 18:10
Operator : CG\JU
Sample : N2123-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

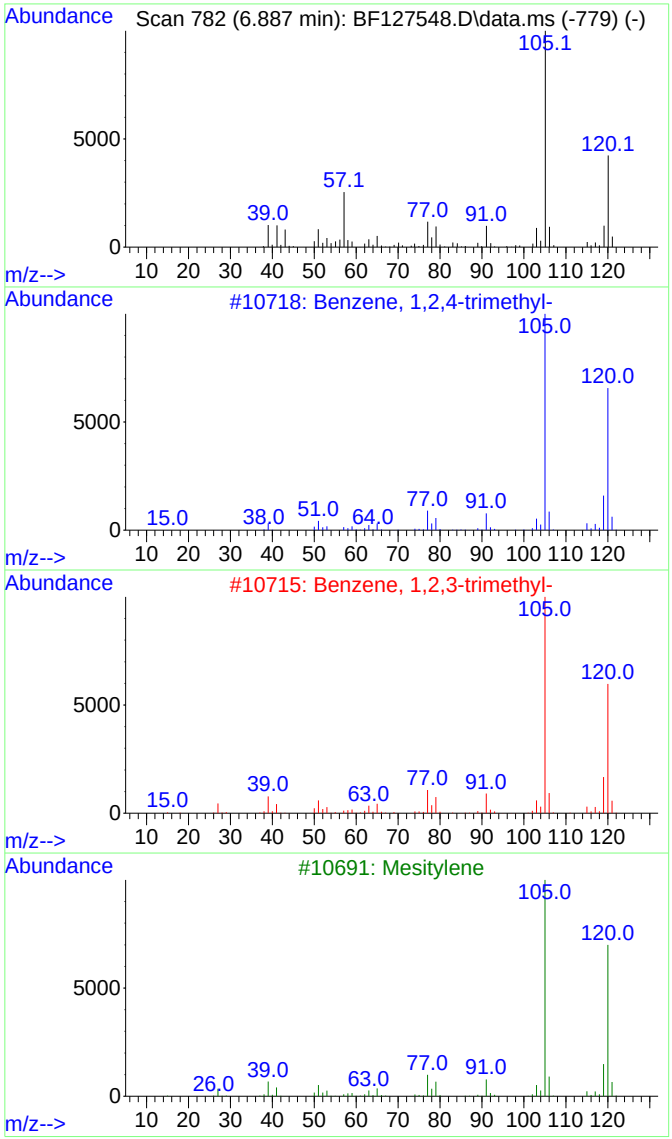
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

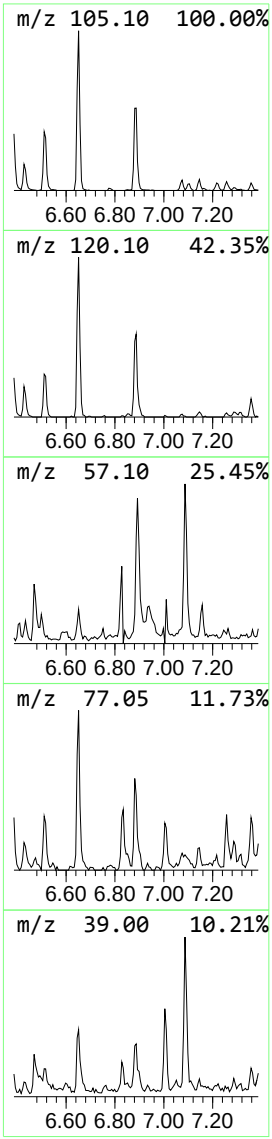
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, 1,2,4-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.887	5.93 ng	176738	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
3	Mesitylene	120	C9H12	000108-67-8	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
Data File : BF127548.D
Acq On : 28 Mar 2022 18:10
Operator : CG\JU
Sample : N2123-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

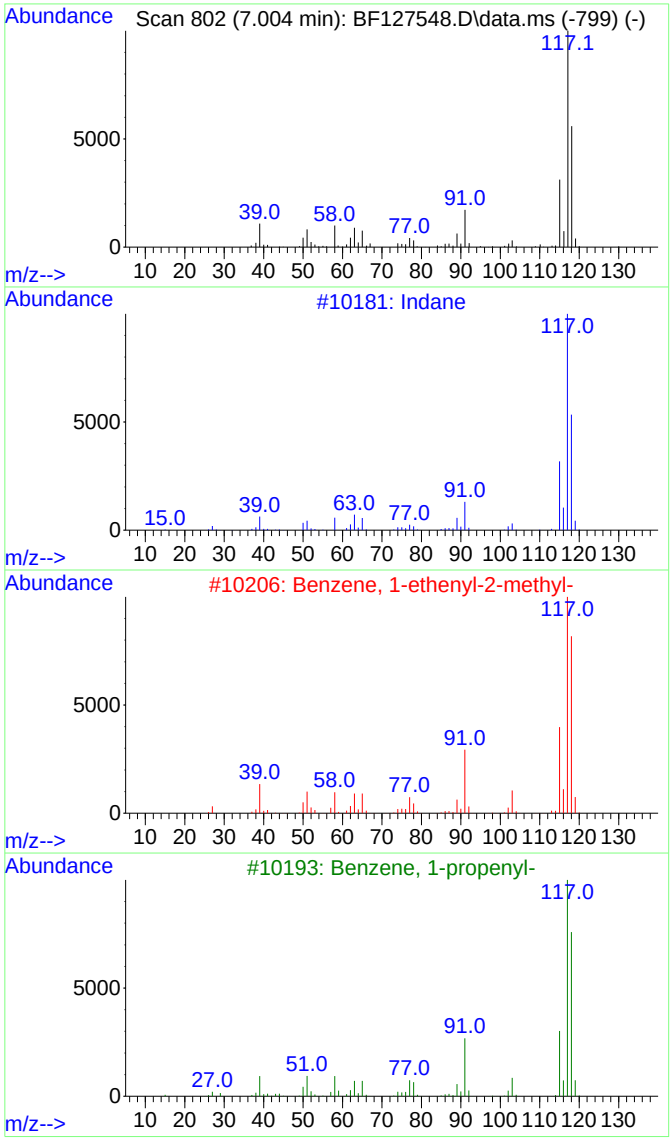
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

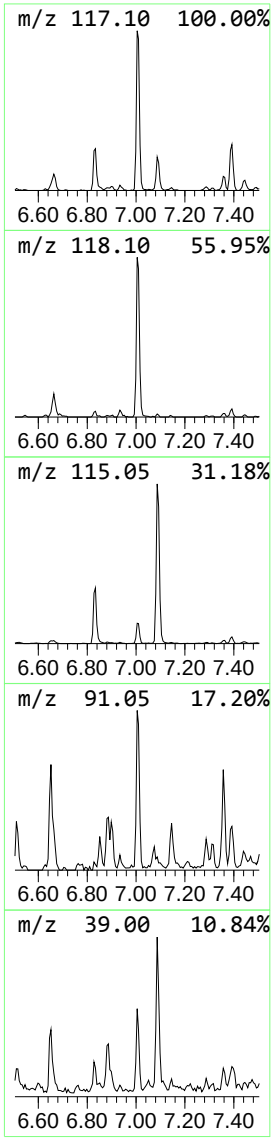
****

Peak Number 6 Indane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.004	6.90 ng	205537	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	83
3	Benzene, 1-propenyl-	118	C9H10	000637-50-3	74
4	Deltacyclene	118	C9H10	007785-10-6	74
5	Benzene, 2-propenyl-	118	C9H10	000300-57-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
Data File : BF127548.D
Acq On : 28 Mar 2022 18:10
Operator : CG\JU
Sample : N2123-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

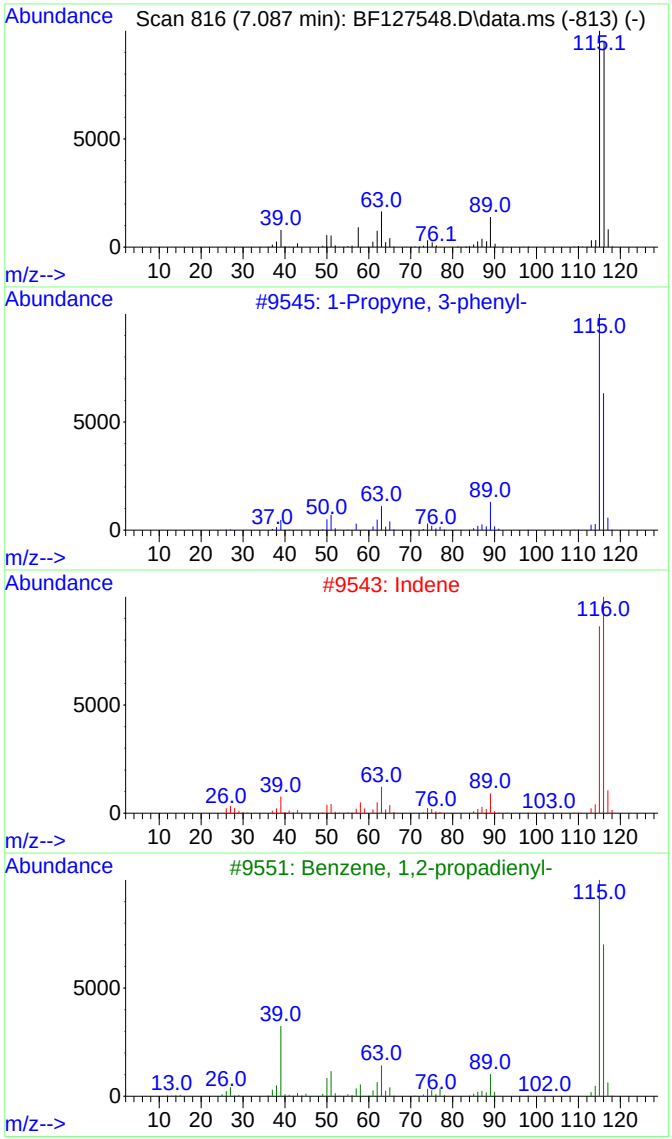
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

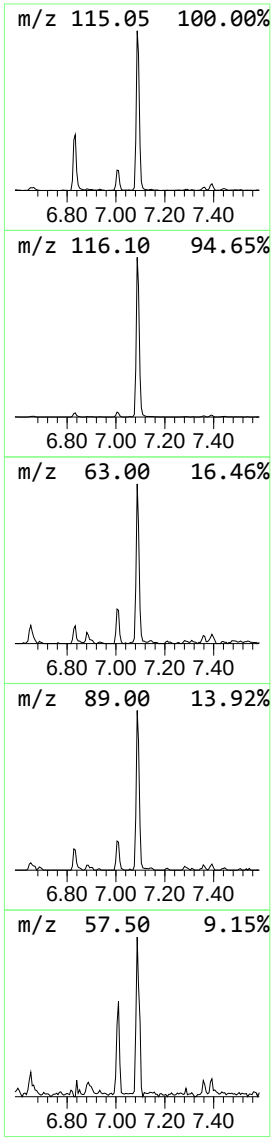
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1-Propyne, 3-phenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.087	17.57 ng	523494	1,4-Dichlorobenzene-d4	6.834

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	95
2	Indene	116	C9H8	000095-13-6	94
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	90





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Acq On : 28 Mar 2022 18:10
Operator : CG\JU
Sample : N2123-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

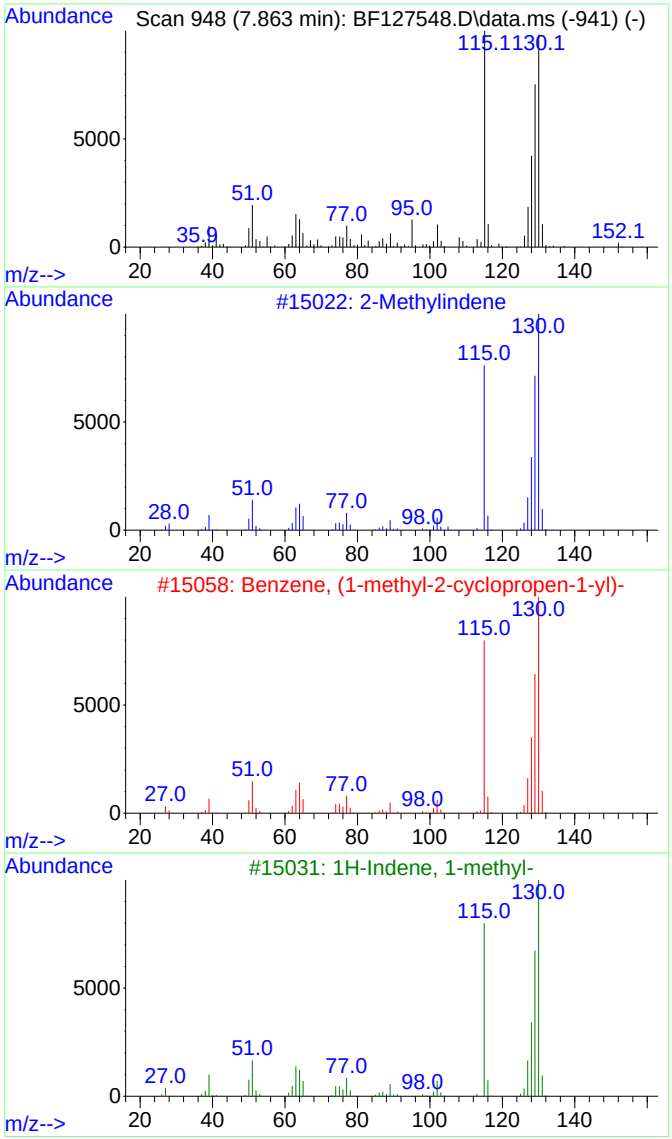
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

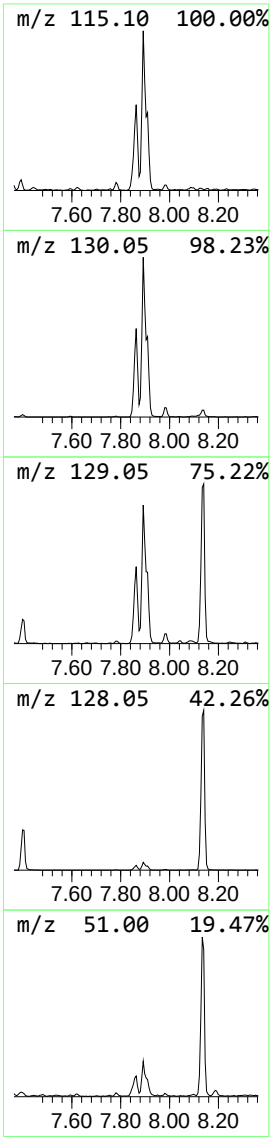
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 2-Methylindene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.863	14.15 ng	534867	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	96
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	95
5	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95





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Operator : CG\JU
Sample : N2123-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

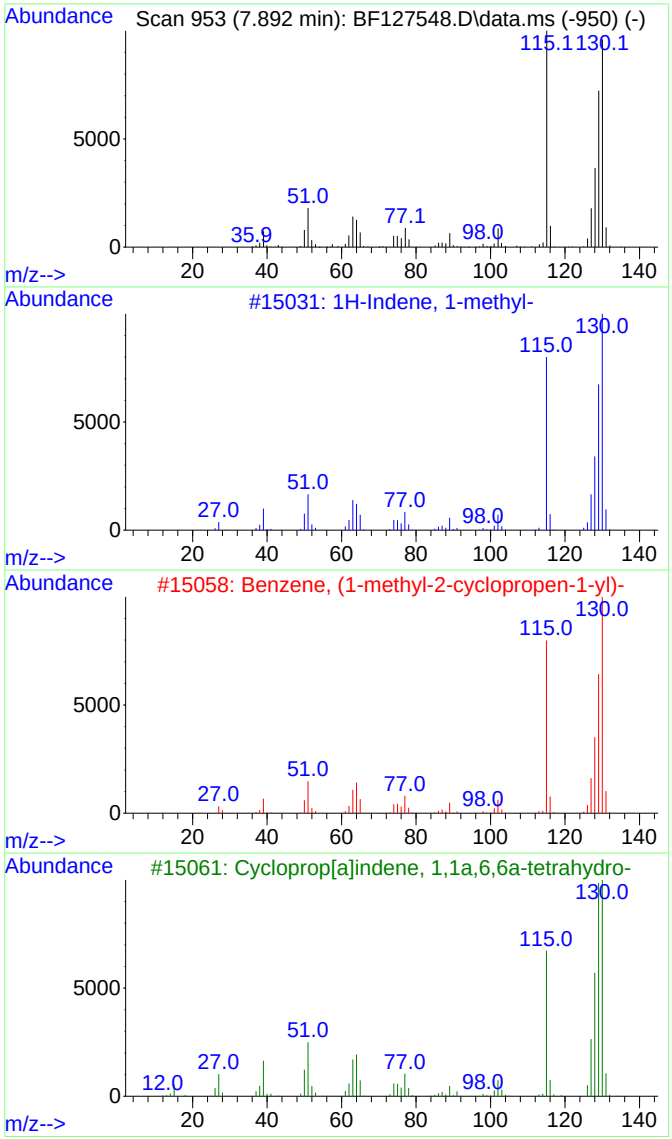
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

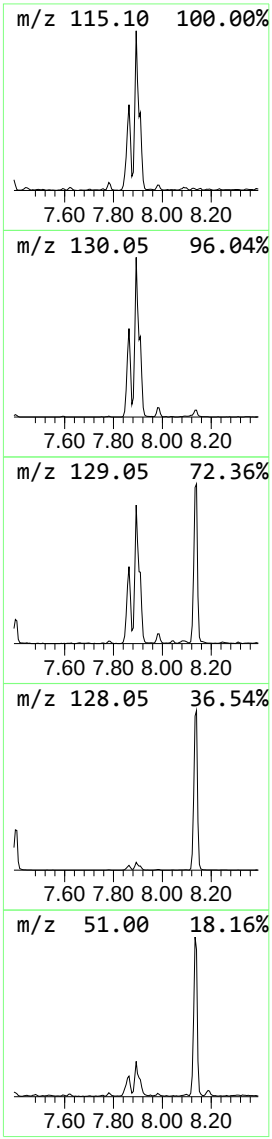
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Indene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.892	12.85 ng	485944	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
2	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	95
4	2-Methylindene	130	C10H10	002177-47-1	94
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	93





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Sample : N2123-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

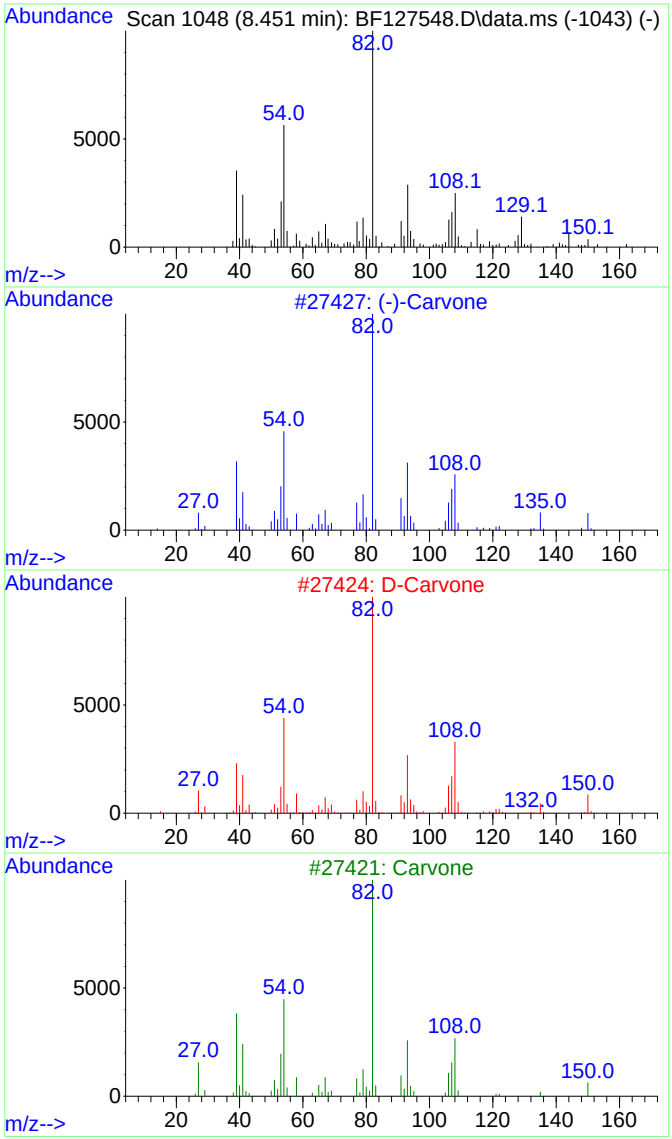
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

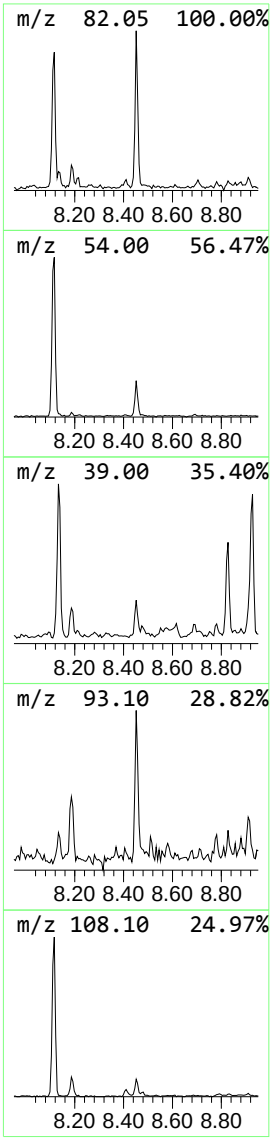
****

Peak Number 10 (-)-Carvone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.451	2.78 ng	105236	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Carvone	150	C10H14O	006485-40-1	95
2	D-Carvone	150	C10H14O	002244-16-8	91
3	Carvone	150	C10H14O	000099-49-0	87
4	Dehydromevalonic lactone	112	C6H8O2	002381-87-5	38
5	1,2,3,6-Tetrahydropyridine	83	C5H9N	000694-05-3	38





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Operator : CG\JU
Sample : N2123-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

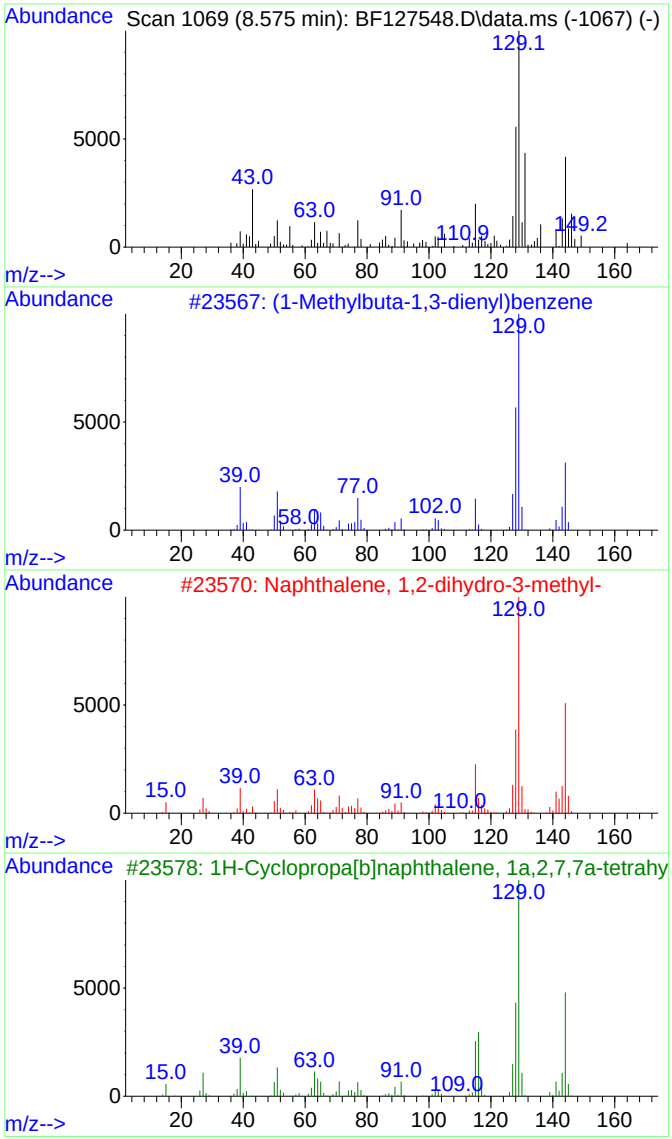
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

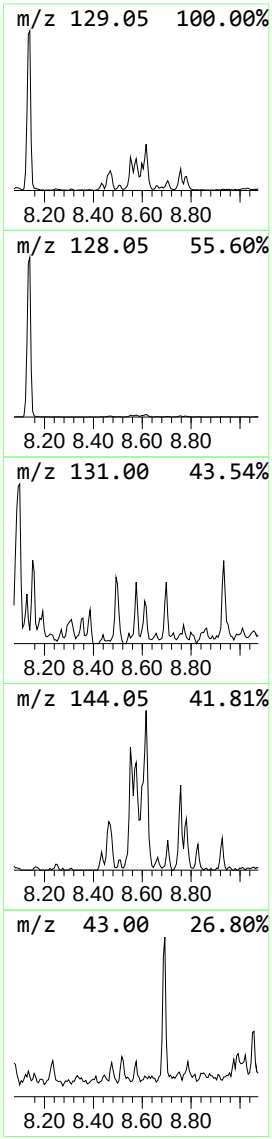
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (1-Methylbuta-1,3-dienyl)be... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.575	2.81 ng	106426	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	93
2	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	86
3	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	86
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	83
5	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	76





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Sample : N2123-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

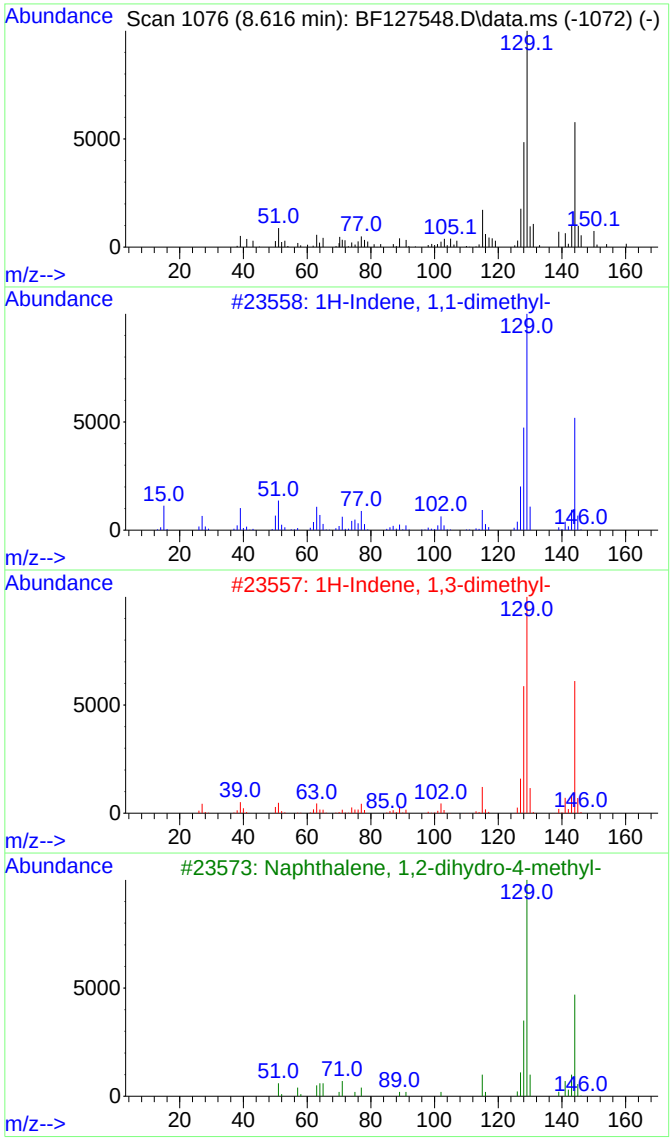
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

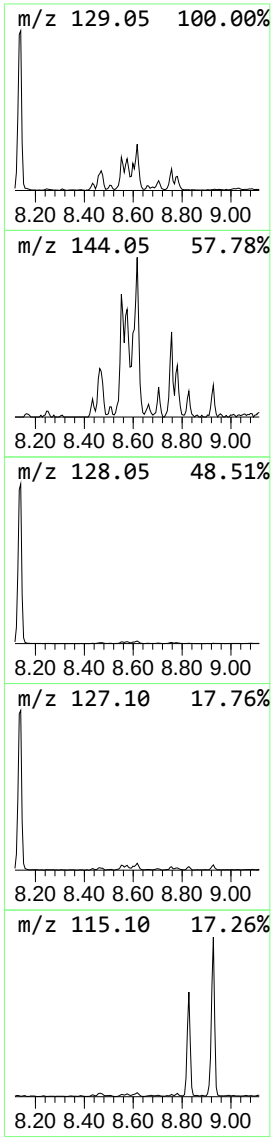
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 1H-Indene, 1,1-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.616	4.59 ng	173488	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	90
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	90
3	Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	90
4	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	87
5	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	87





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Operator : CG\JU
Sample : N2123-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

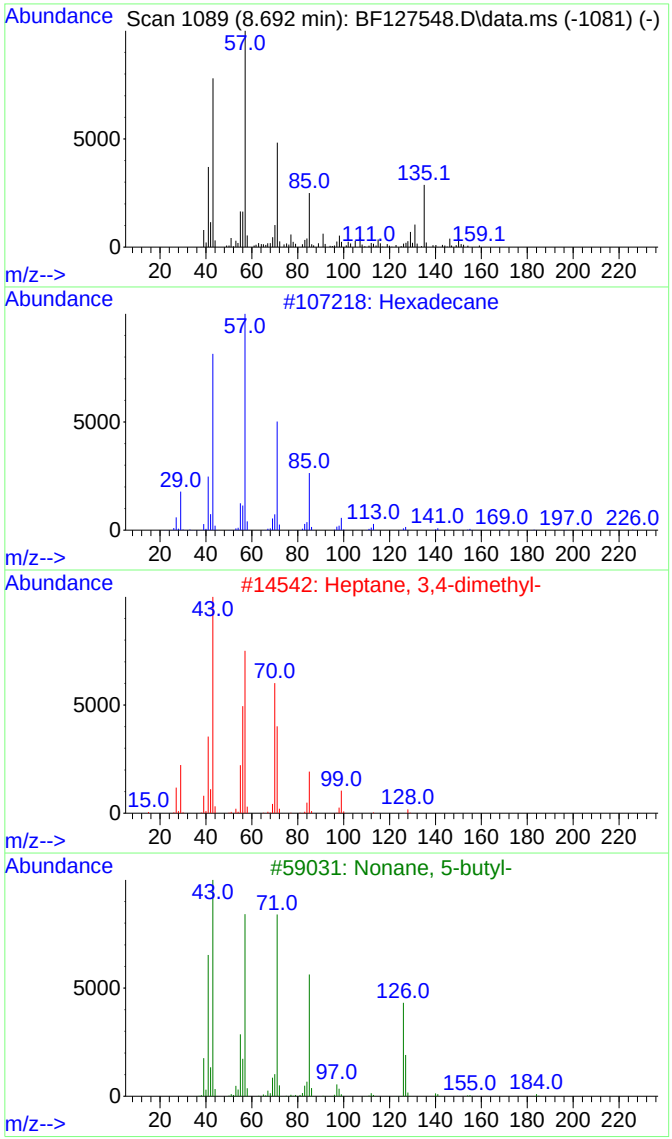
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

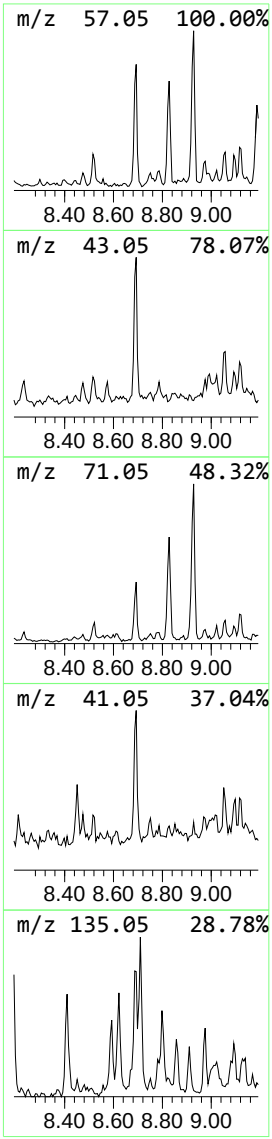
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 unknown8.692 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.692	5.16 ng	194906	Naphthalene-d8	8.116

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	49
2	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	49
3	Nonane, 5-butyl-	184	C13H28	017312-63-9	38
4	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	38
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	38





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Operator : CG\JU
Sample : N2123-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

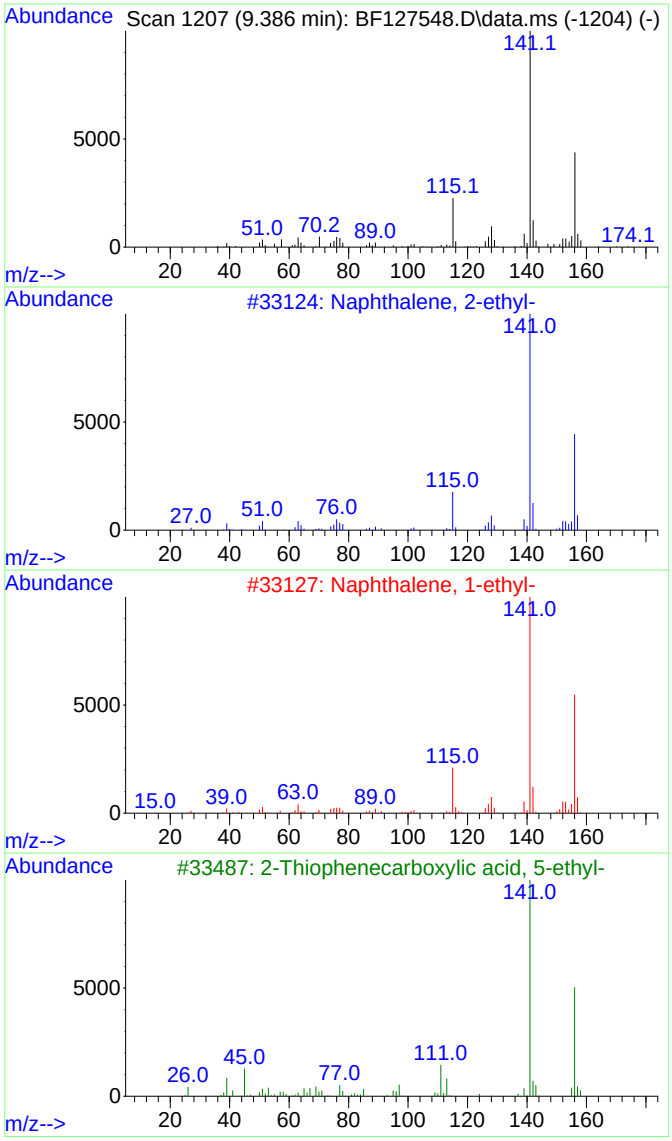
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

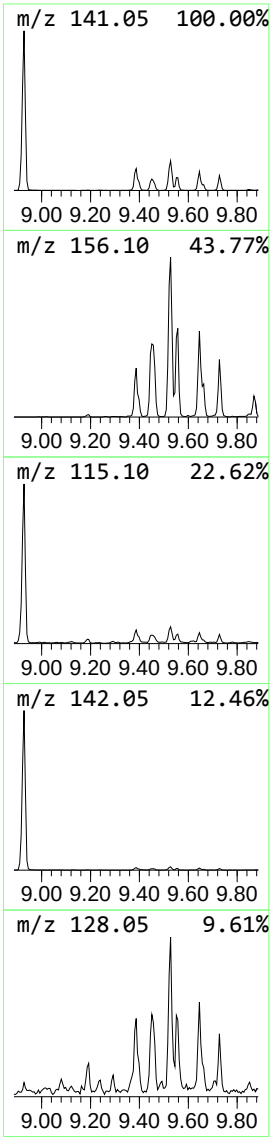
****

Peak Number 14 Naphthalene, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.386	6.40 ng	246460	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	96
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	96
3	2-Thiophenecarboxylic acid, 5-et...	156	C7H8O2S	023229-72-3	64
4	Naphthalene, 1-propyl-	170	C13H14	002765-18-6	59
5	2,4-Difluoromesitylene	156	C9H10F2	000392-61-0	59





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Operator : CG\JU
Sample : N2123-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

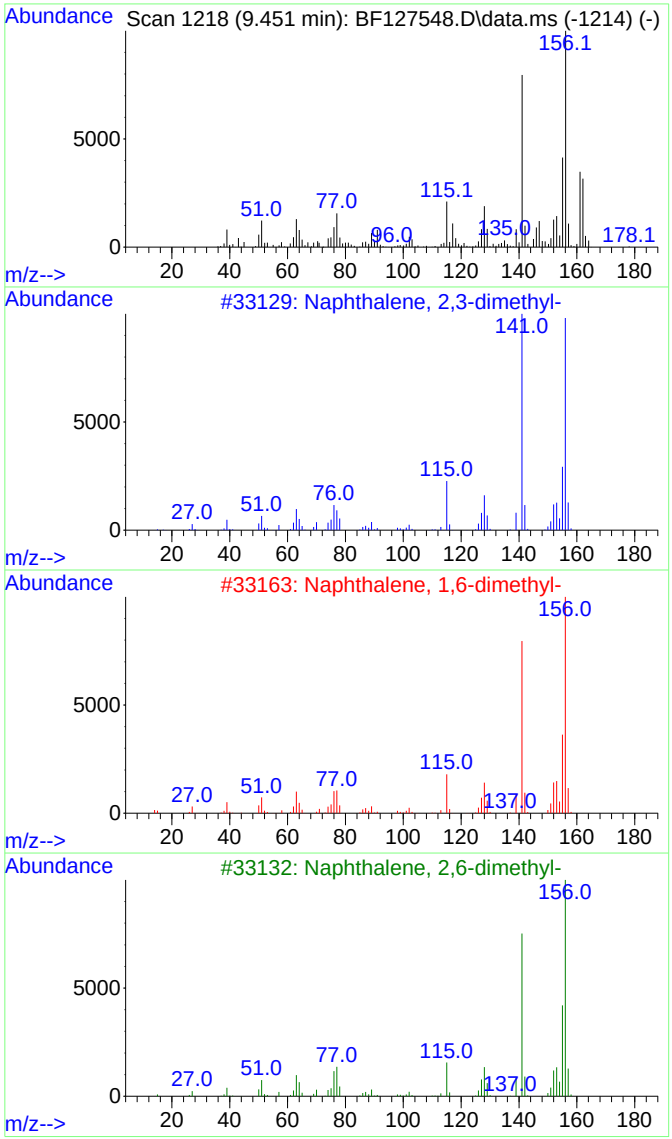
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

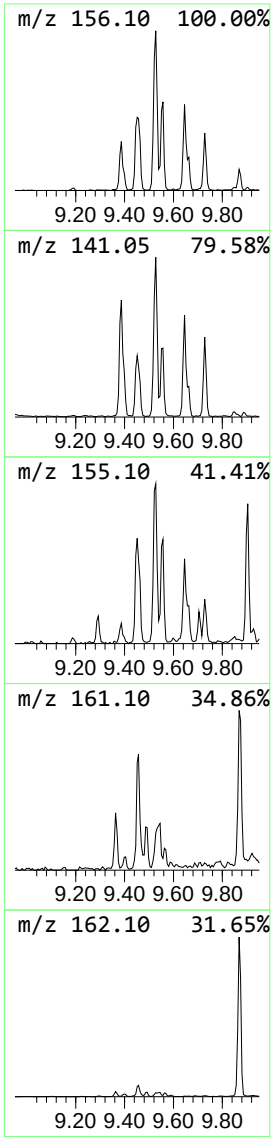
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.451	10.44 ng	402134	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Sample : N2123-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

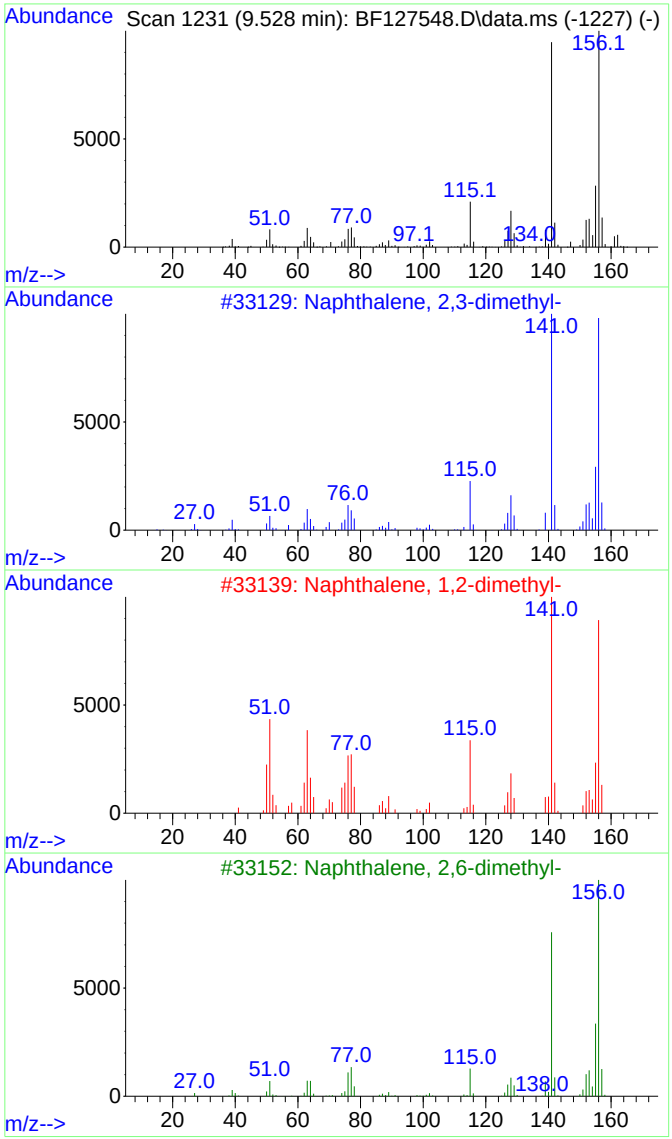
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

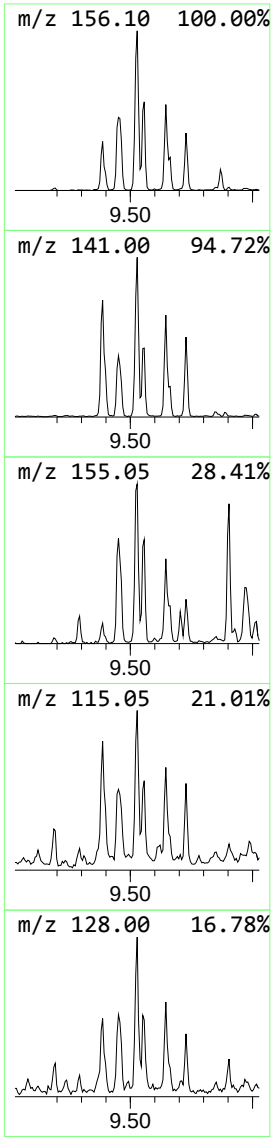
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphthalene, 1,2-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.528	12.34 ng	475233	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97





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Sample : N2123-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

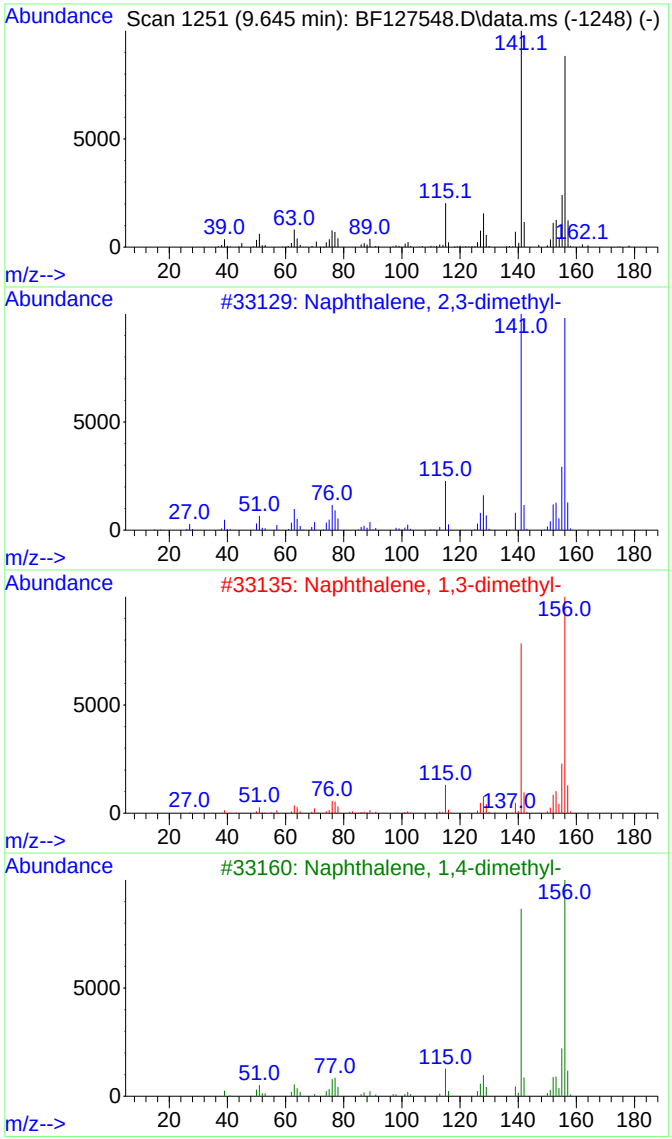
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

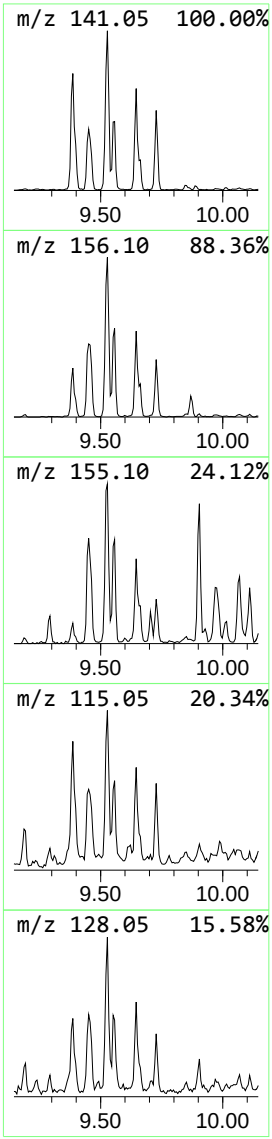
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Naphthalene, 1,3-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.645	7.36 ng	283567	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	95





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

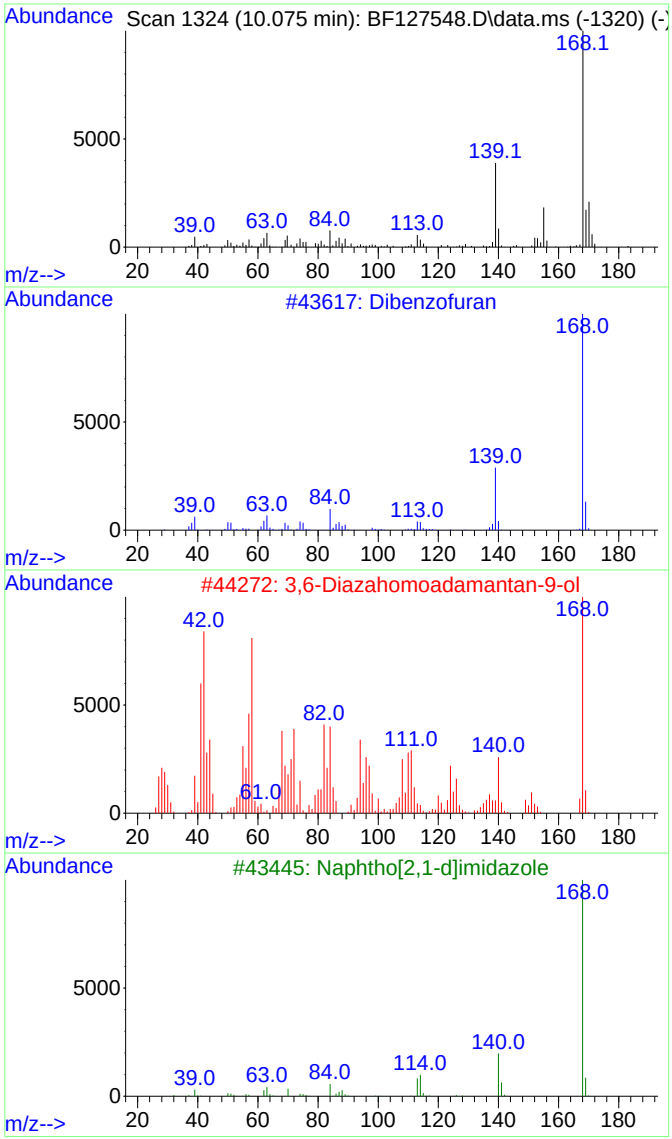
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

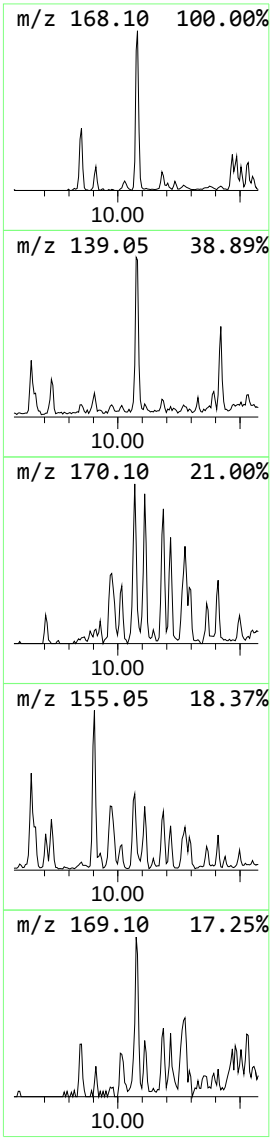
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 unknown10.075 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.075	2.91 ng	111975	Acenaphthene-d10	9.869

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran	168	C12H8O	000132-64-9	60
2	3,6-Diazahomoadamantan-9-ol	168	C9H16N2O	138023-21-9	45
3	Naphtho[2,1-d]imidazole	168	C11H8N2	000233-53-4	38
4	l-Norleucine, n-propargyloxycarb...	251	C13H17NO4	1000329-61-5	38
5	9H-Pyrido[3,4-b]indole	168	C11H8N2	000244-63-3	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
Data File : BF127548.D
Acq On : 28 Mar 2022 18:10
Operator : CG\JU
Sample : N2123-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

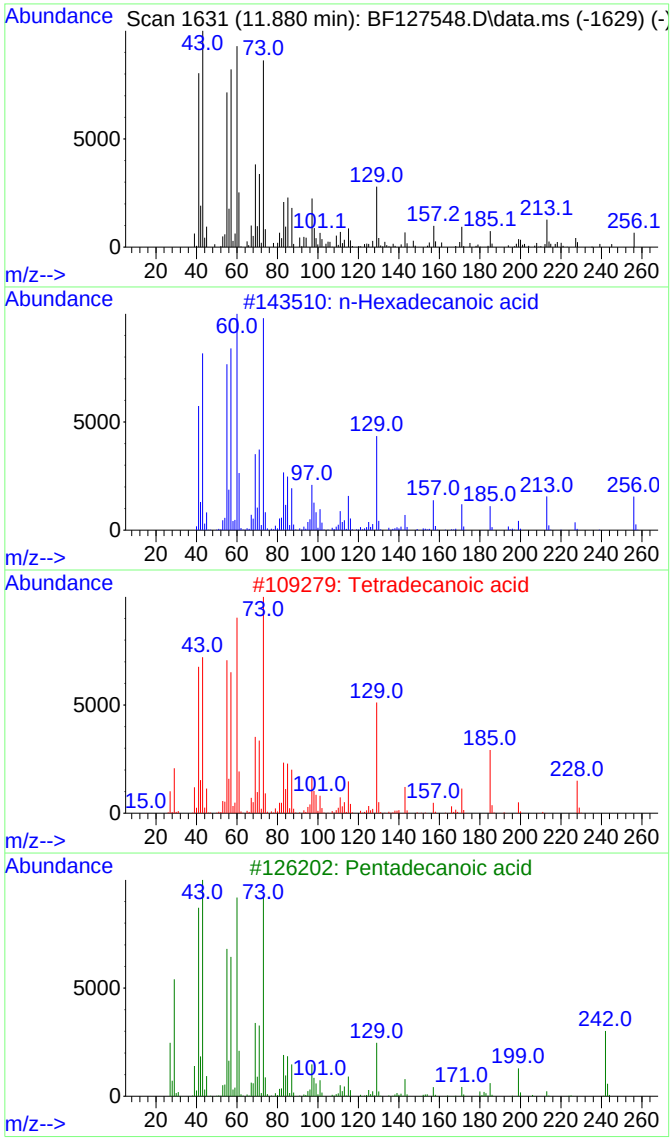
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

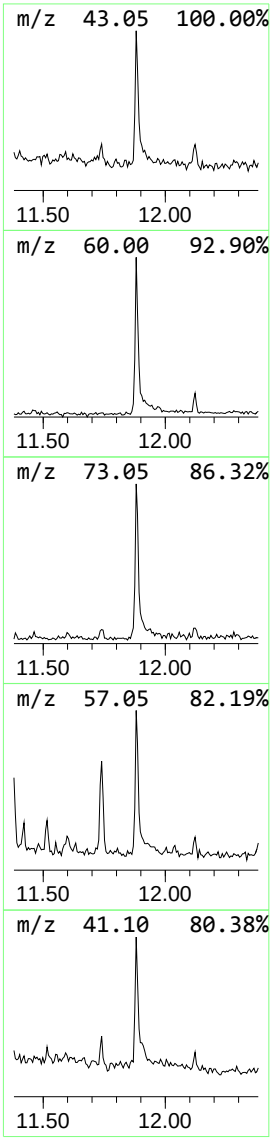
****

Peak Number 19 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.881	5.46 ng	221421	Phenanthrene-d10	11.363

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	94
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	74
5	Dodecanoic acid	200	C12H24O2	000143-07-7	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
Data File : BF127548.D
Acq On : 28 Mar 2022 18:10
Operator : CG\JU
Sample : N2123-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

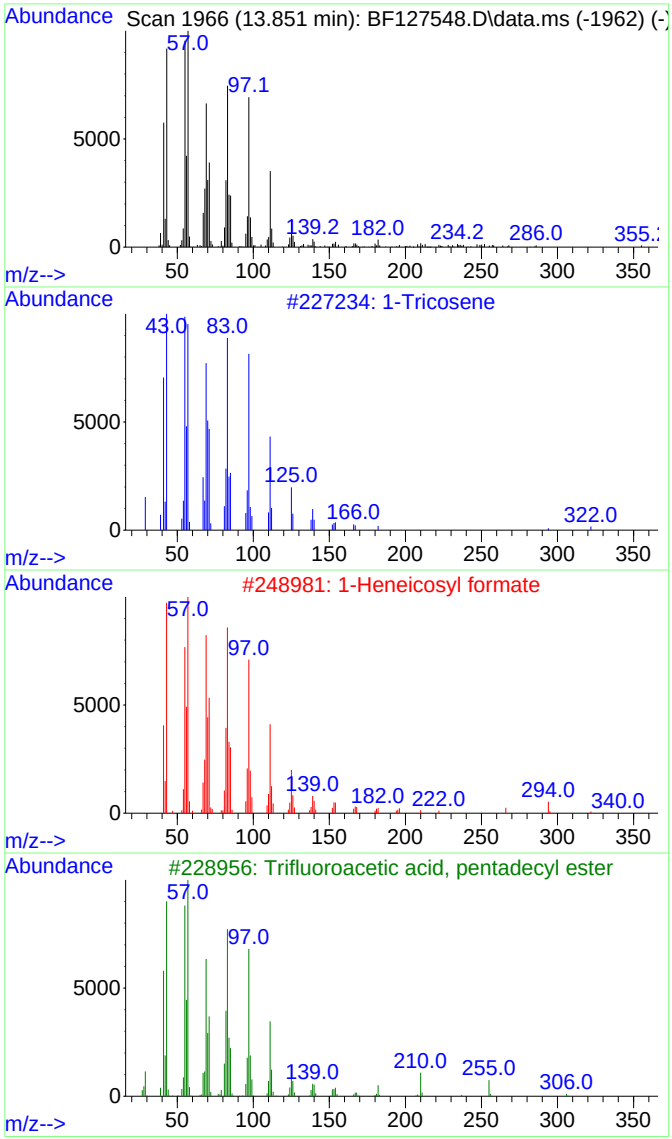
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

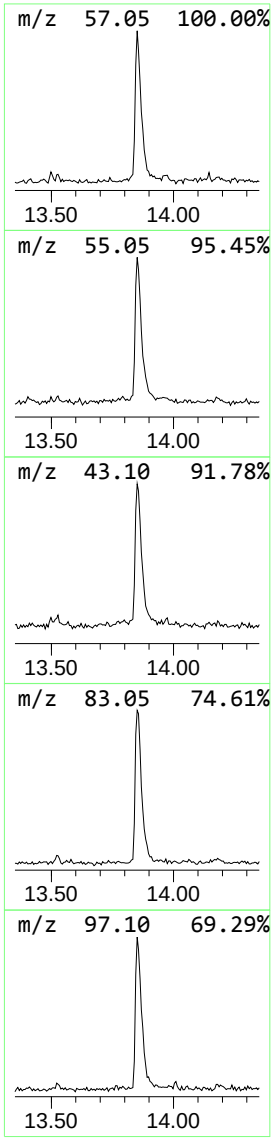
****

Peak Number 20 1-Tricosene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.851	16.18 ng	482989	Chrysene-d12	14.010

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	91
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032822\
Data File : BF127548.D
Acq On : 28 Mar 2022 18:10
Operator : CG\JU
Sample : N2123-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIATE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.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
Benzene, 1-ethy...	6.351	2.9	ng	85766	1	6.834	595946	20.0
Benzene, 1,2,3-...	6.651	7.5	ng	224918	1	6.834	595946	20.0
Benzene, 1,2,4-...	6.887	5.9	ng	176738	1	6.834	595946	20.0
Indane	7.004	6.9	ng	205537	1	6.834	595946	20.0
1-Propyne, 3-ph...	7.087	17.6	ng	523494	1	6.834	595946	20.0
2-Methylindene	7.863	14.2	ng	534867	2	8.116	756159	20.0
1H-Indene, 1-me...	7.892	12.9	ng	485944	2	8.116	756159	20.0
(-)-Carvone	8.451	2.8	ng	105236	2	8.116	756159	20.0
(1-Methylbuta-1...	8.575	2.8	ng	106426	2	8.116	756159	20.0
1H-Indene, 1,1-...	8.616	4.6	ng	173488	2	8.116	756159	20.0
unknown8.692	8.692	5.2	ng	194906	2	8.116	756159	20.0
Naphthalene, 2-...	9.386	6.4	ng	246460	3	9.869	770505	20.0
Naphthalene, 2,...	9.451	10.4	ng	402134	3	9.869	770505	20.0
Naphthalene, 1,...	9.528	12.3	ng	475233	3	9.869	770505	20.0
Naphthalene, 1,...	9.645	7.4	ng	283567	3	9.869	770505	20.0
unknown10.075	10.075	2.9	ng	111975	3	9.869	770505	20.0
n-Hexadecanoic ...	11.881	5.5	ng	221421	4	11.363	811461	20.0
1-Tricosene	13.851	16.2	ng	482989	5	14.010	597023	20.0