LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144029.D
Acq On : 21 Oct 2025 23:22
Operator : RC/JU
Sample : Q3376-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP01-20251016

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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144029.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.963	291	301	308	rBV	10926	20764	1.00%	0.088%
2	4.946	461	468	474	rVB2	15897	24663	1.19%	0.104%
3	5.028	474	482	486	rBV3	15932	34087	1.64%	0.144%
4	5.099	490	494	500	rVB	35846	52081	2.51%	0.220%
5	5.299	523	528	533	rBV2	21815	39201	1.89%	0.166%
6	5.498	556	562	573	rBV	1474129	1948200	93.98%	8.241%
7	5.698	593	596	600	rVV	17011	20915	1.01%	0.088%
8	5.746	600	604	610	rVB5	12866	23108	1.11%	0.098%
9	5.898	624	630	635	rBV4	24123	46788	2.26%	0.198%
10	5.951	635	639	647	rBV3	24403	53358	2.57%	0.226%
11	6.034	647	653	658	rVB2	31735	55404	2.67%	0.234%
12	6.081	658	661	665	rBV2	24472	34412	1.66%	0.146%
13	6.128	665	669	675	rBV2	109829	183825	8.87%	0.778%
14	6.187	675	679	682	rVB	57764	71471	3.45%	0.302%
15	6.316	696	701	706	rBV2	63578	100189	4.83%	0.424%
16	6.416	713	718	726	rBV3	56525	127417	6.15%	0.539%
17	6.504	727	733	740	rBV	1516534	2073104	100.00%	8.769%
18	6.622	748	753	757	rBV5	51677	93897	4.53%	0.397%
19	6.657	757	759	764	rVB3	32231	47404	2.29%	0.201%
20	6.710	764	768	771	rBV2	34253	56450	2.72%	0.239%
21	6.787	776	781	788	rBV4	48853	126273	6.09%	0.534%
22	6.881	788	797	802	rVV2	566537	862166	41.59%	3.647%
23	6.934	802	806	810	rVV2	56172	89159	4.30%	0.377%
24	6.993	810	816	818	rVV4	66905	132253	6.38%	0.559%
25	7.022	818	821	825	rVV	117033	177211	8.55%	0.750%
26	7.057	825	827	830	rVV	38803	47105	2.27%	0.199%
27	7.104	832	835	838	rVV2	41589	58596	2.83%	0.248%
28	7.151	838	843	847	rVB3	65000	105592	5.09%	0.447%
29	7.228	852	856	859	rBV	28794	40871	1.97%	0.173%
30	7.275	860	864	867	rBV3	38106	53416	2.58%	0.226%
31	7.304	867	869	875	rVB3	38714	51412	2.48%	0.217%
32	7.357	875	878	881	rBV3	16791	22620	1.09%	0.096%
33	7.440	881	892	901	rBV	886751	1374593	66.31%	5.815%
34	7.522	901	906	910	rVB4	76717	125756	6.07%	0.532%
35	7.581	910	916	920	rBV2	54172	107278	5.17%	0.454%
36	7.657	926	929	931	rBV2	57183	65316	3.15%	0.276%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144029.D
Acq On : 21 Oct 2025 23:22
Operator : RC/JU
Sample : Q3376-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP01-20251016

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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	7.687	931	934	941	rVB3	72573	122454	5.91%	0.518%
38	7.781	942	950	951	rBV3	67748	139504	6.73%	0.590%
39	7.804	951	954	958	rVB2	74338	93303	4.50%	0.395%
40	7.916	969	973	980	rBV6	33302	65178	3.14%	0.276%
41	7.981	980	984	989	rBV4	40601	58642	2.83%	0.248%
42	8.040	990	994	996	rBV2	46170	65806	3.17%	0.278%
43	8.163	1010	1015	1021	rBV	587909	769146	37.10%	3.253%
44	8.222	1021	1025	1028	rVB	185487	223374	10.77%	0.945%
45	8.251	1028	1030	1037	rVB4	69671	118364	5.71%	0.501%
46	8.316	1037	1041	1043	rBV3	32903	52113	2.51%	0.220%
47	8.369	1046	1050	1057	rVB4	65570	122294	5.90%	0.517%
48	8.451	1060	1064	1070	rVB4	97380	150712	7.27%	0.638%
49	8.504	1071	1073	1076	rBV3	34158	38717	1.87%	0.164%
50	8.545	1077	1080	1082	rBV4	31395	33877	1.63%	0.143%
51	8.581	1082	1086	1097	rVB	273306	516046	24.89%	2.183%
52	8.669	1098	1101	1103	rBV2	39276	43607	2.10%	0.184%
53	8.704	1103	1107	1112	rBV3	61923	108658	5.24%	0.460%
54	8.845	1128	1131	1135	rVB	102203	131869	6.36%	0.558%
55	8.910	1139	1142	1144	rBV3	50884	54013	2.61%	0.228%
56	8.939	1145	1147	1157	rVB8	37507	66434	3.20%	0.281%
57	9.039	1160	1164	1166	rBV3	71256	103155	4.98%	0.436%
58	9.157	1181	1184	1185	rBV2	62845	68648	3.31%	0.290%
59	9.181	1185	1188	1193	rVB	278404	332653	16.05%	1.407%
60	9.239	1193	1198	1203	rBV	1318255	1691199	81.58%	7.154%
61	9.322	1207	1212	1216	rBV3	142259	241244	11.64%	1.020%
62	9.634	1260	1265	1272	rBV2	434150	654336	31.56%	2.768%
63	9.786	1287	1291	1294	rBV4	120458	166798	8.05%	0.706%
64	9.828	1295	1298	1302	rVB	156424	204592	9.87%	0.865%
65	9.922	1309	1314	1318	rVB	581605	774286	37.35%	3.275%
66	10.169	1353	1356	1365	rVB3	119146	221260	10.67%	0.936%
67	10.239	1365	1368	1370	rBV2	56352	75395	3.64%	0.319%
68	10.328	1380	1383	1388	rBV3	98584	140972	6.80%	0.596%
69	10.569	1419	1424	1429	rBV	320100	477818	23.05%	2.021%
70	10.633	1431	1435	1439	rVV	204232	265197	12.79%	1.122%
71	10.710	1444	1448	1459	rVB	710926	1013464	48.89%	4.287%
72	10.833	1465	1469	1477	rVB	598466	849444	40.97%	3.593%
73	11.304	1545	1549	1555	rVB	311760	445844	21.51%	1.886%
74	11.410	1563	1567	1578	rBV	525860	820282	39.57%	3.470%
75	11.939	1654	1657	1664	rVB	160425	202676	9.78%	0.857%
76	12.669	1778	1781	1786	rVB	170216	212699	10.26%	0.900%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144029.D
Acq On : 21 Oct 2025 23:22
Operator : RC/JU
Sample : Q3376-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP01-20251016

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-BF100625.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	12.998	1833	1837	1845	rVB	1113660	1523834	73.50%	6.446%
78	14.063	2013	2018	2029	rVB	523202	840225	40.53%	3.554%
79	15.545	2266	2270	2282	rVB	455254	794103	38.31%	3.359%

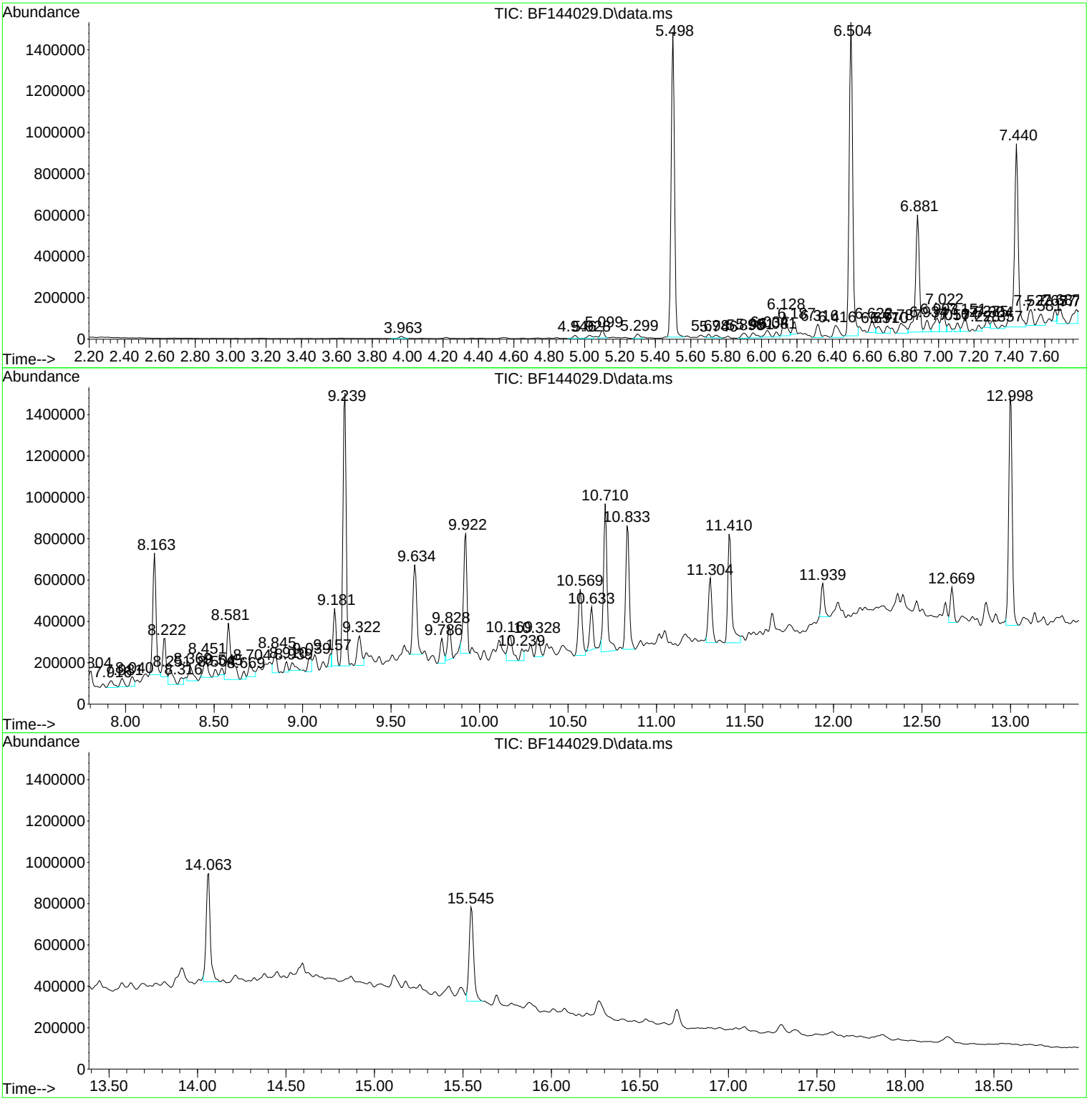
Sum of corrected areas: 23640590

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144029.D
Acq On : 21 Oct 2025 23:22
Operator : RC/JU
Sample : Q3376-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP01-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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\BF102125\
Data File : BF144029.D
Acq On : 21 Oct 2025 23:22
Operator : RC/JU
Sample : Q3376-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP01-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

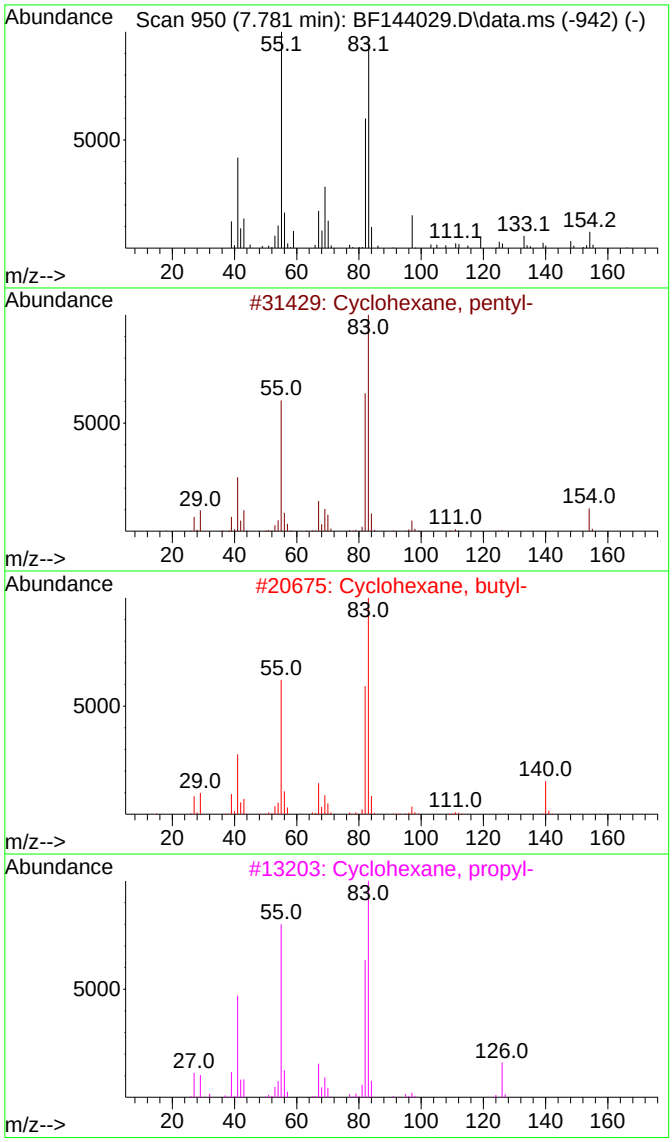
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

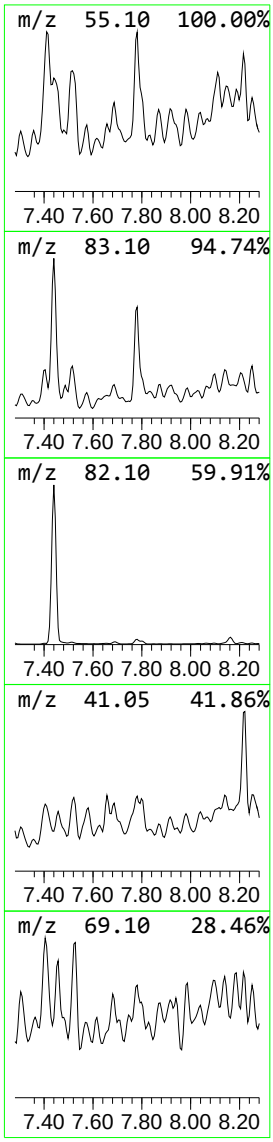
****

Peak Number 4 Cyclohexane, pentyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.781	3.63 ng	139504	Naphthalene-d8	8.163

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	87
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	64
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144029.D
Acq On : 21 Oct 2025 23:22
Operator : RC/JU
Sample : Q3376-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP01-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

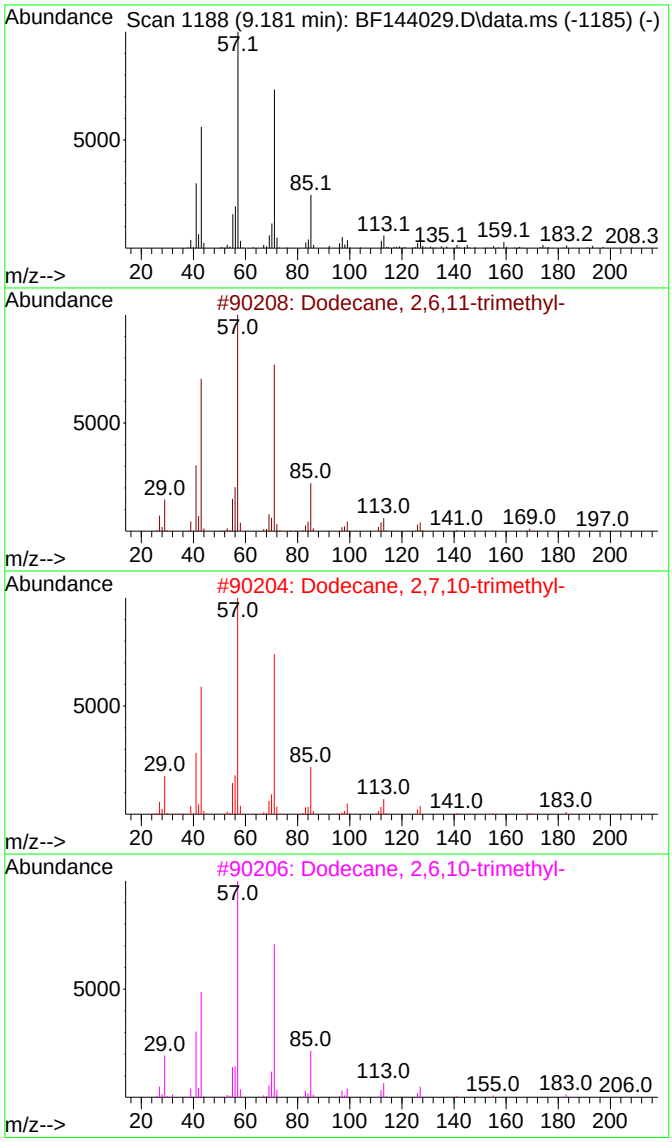
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

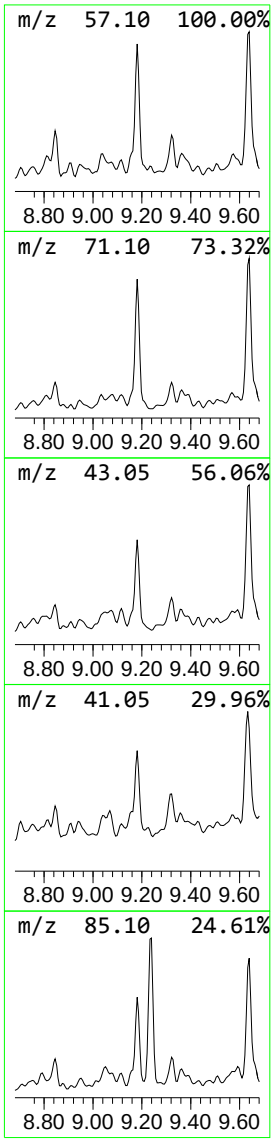
****

Peak Number 9 Dodecane, 2,6,11-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.181	8.59 ng	332653	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
4	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	78
5	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144029.D
Acq On : 21 Oct 2025 23:22
Operator : RC/JU
Sample : Q3376-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP01-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

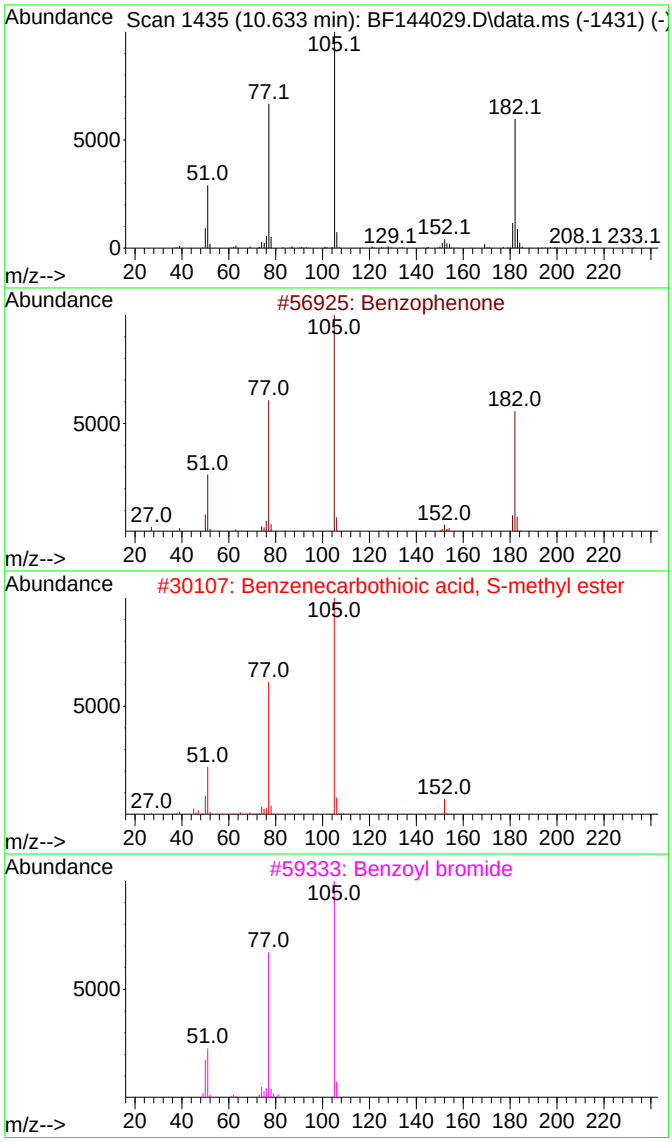
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

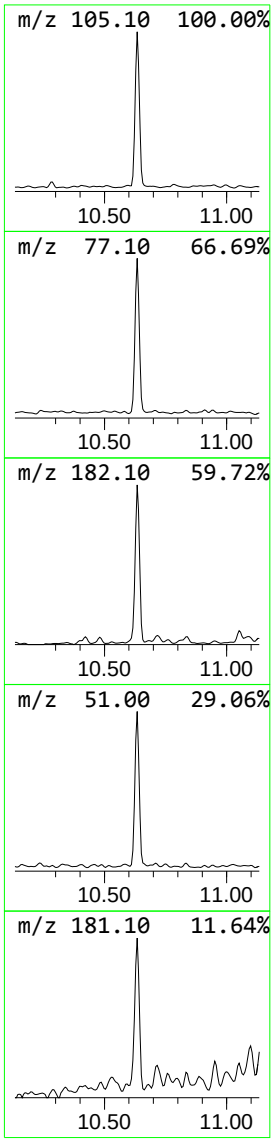
****

Peak Number 17 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.634	6.85 ng	265197	Acenaphthene-d10	9.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3	Benzoyl bromide	184	C7H5BrO	000618-32-6	47
4	Methyl 2-benzoyl-4-cyanobutanoate	231	C13H13NO3	1010486-83-8	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144029.D
Acq On : 21 Oct 2025 23:22
Operator : RC/JU
Sample : Q3376-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP01-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

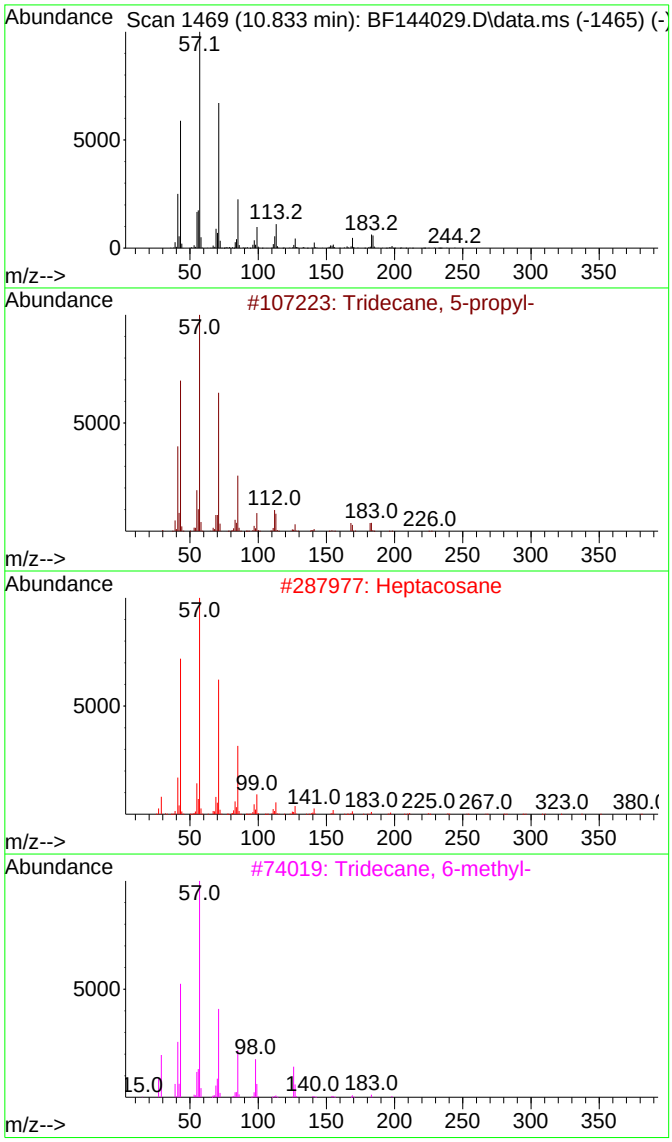
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

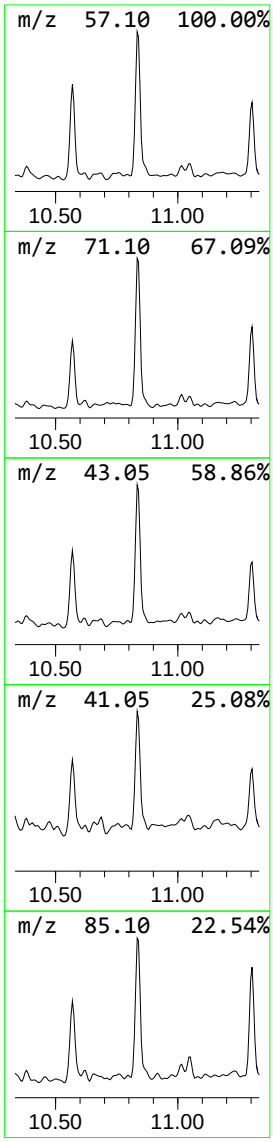
****

Peak Number 18 Tridecane, 5-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.834	20.71 ng	849444	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
2	Heptacosane	380	C27H56	000593-49-7	72
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	70
4	Decane, 2-methyl-	156	C11H24	006975-98-0	68
5	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144029.D
Acq On : 21 Oct 2025 23:22
Operator : RC/JU
Sample : Q3376-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP01-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

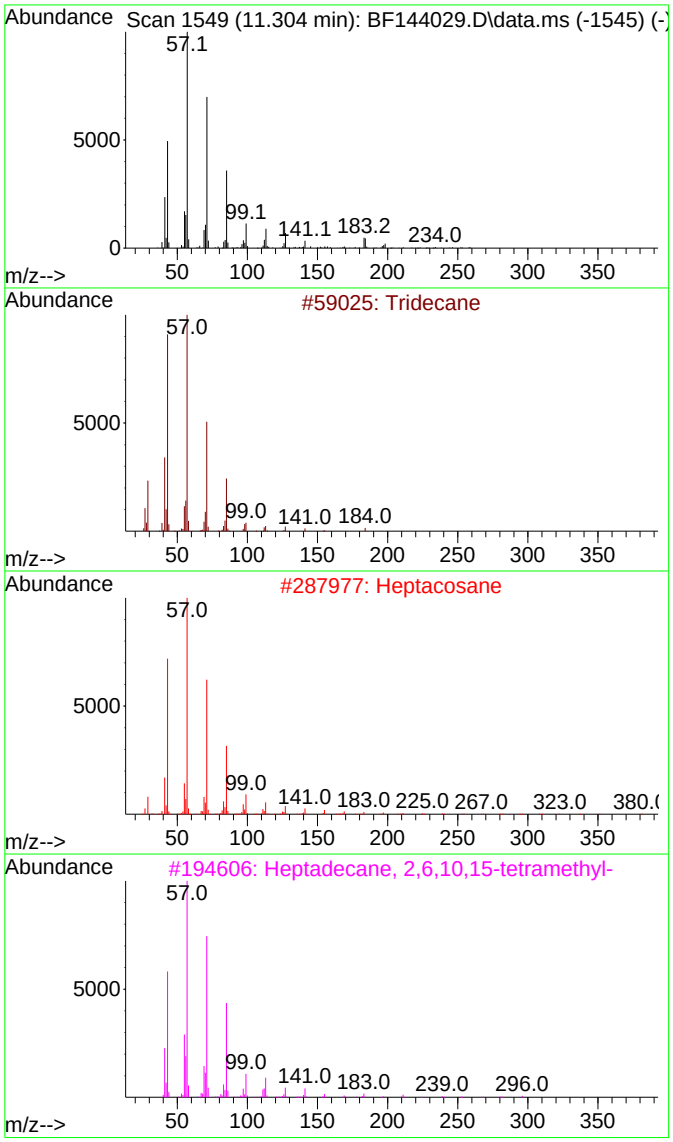
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

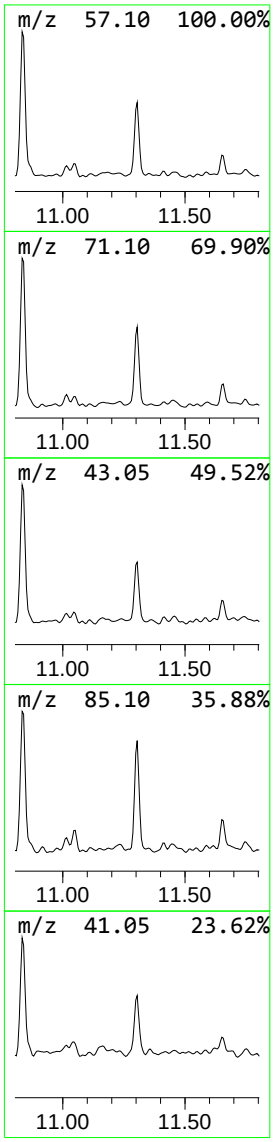
****

Peak Number 19 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.304	10.87 ng	445844	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Heptacosane	380	C27H56	000593-49-7	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144029.D
Acq On : 21 Oct 2025 23:22
Operator : RC/JU
Sample : Q3376-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP01-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

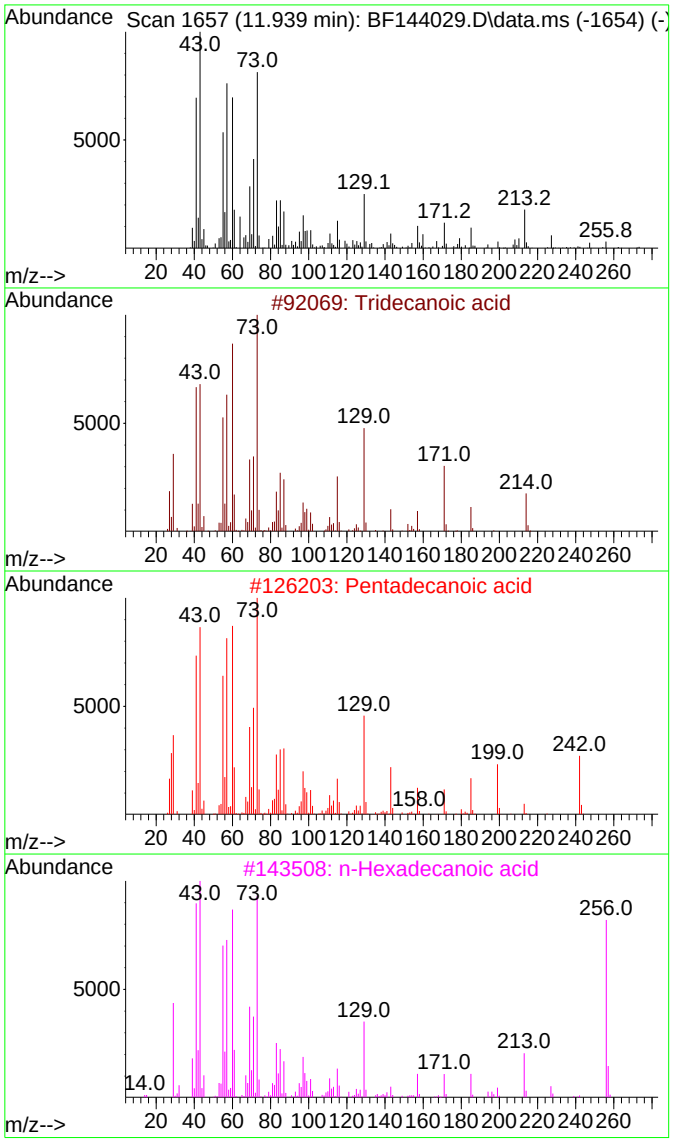
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

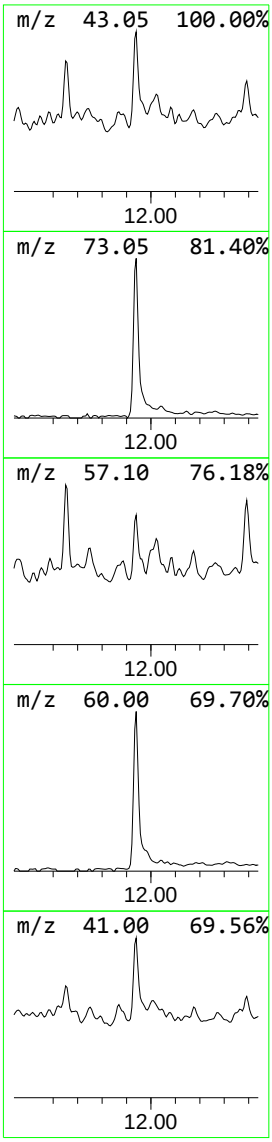
****

Peak Number 20 Tridecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.939	4.94 ng	202676	Phenanthrene-d10	11.410

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102125\
Data File : BF144029.D
Acq On : 21 Oct 2025 23:22
Operator : RC/JU
Sample : Q3376-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-DP01-20251016

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.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
Cyclohexane, pe...	7.781	3.6	ng	139504	2	8.163	769146	20.0
Dodecane, 2,6,1...	9.181	8.6	ng	332653	3	9.922	774286	20.0
Benzophenone	10.634	6.8	ng	265197	3	9.922	774286	20.0
Tridecane, 5-pr...	10.834	20.7	ng	849444	4	11.410	820282	20.0
Tridecane	11.304	10.9	ng	445844	4	11.410	820282	20.0
Tridecanoic acid	11.939	4.9	ng	202676	4	11.410	820282	20.0