LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
Data File : BF144338.D
Acq On : 24 Nov 2025 22:14
Operator : RC/JU
Sample : Q3711-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

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-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BF144338.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.234	3	7	16	rVB	10942	21408	2.08%	0.177%
2	3.575	229	235	247	rVB	8503	17831	1.73%	0.148%
3	4.457	377	385	394	rBV	192740	303328	29.42%	2.512%
4	5.075	484	490	500	rBV	228907	338347	32.82%	2.802%
5	5.487	554	560	569	rBV	627055	874866	84.86%	7.244%
6	6.492	725	731	756	rBV	630861	873431	84.72%	7.232%
7	6.863	788	794	802	rBV	212851	279704	27.13%	2.316%
8	7.422	884	889	901	rBV	424561	548219	53.18%	4.539%
9	8.139	1006	1011	1025	rVB	246362	330030	32.01%	2.733%
10	9.216	1189	1194	1205	rBV	787470	988479	95.88%	8.185%
11	9.898	1305	1310	1314	rBV	269329	333677	32.37%	2.763%
12	9.928	1314	1315	1321	rVB	14683	14856	1.44%	0.123%
13	10.451	1400	1404	1409	rVB	10550	13209	1.28%	0.109%
14	10.610	1427	1431	1439	rVB	80324	102161	9.91%	0.846%
15	10.692	1439	1445	1460	rBV	370910	511826	49.65%	4.238%
16	11.386	1558	1563	1566	rBV	236293	352052	34.15%	2.915%
17	11.410	1566	1567	1573	rVV	167463	169826	16.47%	1.406%
18	11.463	1573	1576	1581	rVB	23560	30527	2.96%	0.253%
19	11.627	1597	1604	1610	rBV3	12004	21149	2.05%	0.175%
20	11.916	1644	1653	1659	rBV2	123919	220849	21.42%	1.829%
21	12.004	1664	1668	1677	rVV2	33434	64168	6.22%	0.531%
22	12.098	1677	1684	1687	rVV7	6500	12983	1.26%	0.107%
23	12.186	1691	1699	1702	rVV	14207	27296	2.65%	0.226%
24	12.216	1702	1704	1709	rVB	19717	25270	2.45%	0.209%
25	12.445	1739	1743	1745	rBV	8535	10517	1.02%	0.087%
26	12.474	1745	1748	1755	rVB6	7306	11748	1.14%	0.097%
27	12.533	1755	1758	1763	rVB	14877	17866	1.73%	0.148%
28	12.604	1765	1770	1776	rBV	292848	392379	38.06%	3.249%
29	12.698	1783	1786	1791	rVB2	20338	26952	2.61%	0.223%
30	12.839	1803	1810	1813	rBV	256060	408945	39.67%	3.386%
31	12.974	1826	1833	1841	rVB	766995	1030959	100.00%	8.536%
32	13.051	1841	1846	1851	rBV3	25559	47146	4.57%	0.390%
33	13.163	1858	1865	1869	rBV2	33331	67856	6.58%	0.562%
34	13.233	1873	1877	1879	rVV	20806	26020	2.52%	0.215%
35	13.269	1879	1883	1891	rVV3	27495	55261	5.36%	0.458%
36	13.363	1895	1899	1902	rBV	16819	22942	2.23%	0.190%

LSC Area Percent Report

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Sample : Q3711-01
Misc :
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Instrument :
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VNJ-222

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
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Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	13.398	1902	1905	1911	rVB3	15820	23842	2.31%	0.197%
38	13.510	1921	1924	1927	rBV3	9546	12162	1.18%	0.101%
39	13.545	1927	1930	1933	rVV5	8950	11461	1.11%	0.095%
40	13.680	1949	1953	1958	rVB	27036	38316	3.72%	0.317%
41	13.786	1967	1971	1974	rBV2	33442	51437	4.99%	0.426%
42	13.845	1978	1981	1984	rVV2	26493	47172	4.58%	0.391%
43	13.886	1984	1988	1997	rVB3	69862	127951	12.41%	1.059%
44	14.039	2005	2014	2026	rBV2	411848	911928	88.45%	7.551%
45	14.145	2028	2032	2035	rBV	21841	26635	2.58%	0.221%
46	14.192	2037	2040	2045	rVV4	11289	18774	1.82%	0.155%
47	14.392	2071	2074	2075	rBV2	13993	15512	1.50%	0.128%
48	14.427	2076	2080	2083	rVB	26555	35284	3.42%	0.292%
49	14.463	2083	2086	2089	rBV3	16209	22264	2.16%	0.184%
50	14.504	2090	2093	2094	rBV2	12668	15805	1.53%	0.131%
51	14.657	2116	2119	2125	rBV	134418	181310	17.59%	1.501%
52	14.951	2166	2169	2173	rVB2	40308	53669	5.21%	0.444%
53	15.086	2187	2192	2200	rBV	198357	446415	43.30%	3.696%
54	15.192	2206	2210	2222	rVB2	53120	127536	12.37%	1.056%
55	15.392	2239	2244	2250	rVB	104344	155276	15.06%	1.286%
56	15.457	2250	2255	2260	rVV	124267	195219	18.94%	1.616%
57	15.521	2260	2266	2281	rVB	303463	564739	54.78%	4.676%
58	15.733	2299	2302	2309	rVB5	19414	34204	3.32%	0.283%
59	15.962	2336	2341	2347	rBV	44530	77250	7.49%	0.640%
60	16.474	2425	2428	2438	rVB3	17041	32038	3.11%	0.265%
61	17.009	2513	2519	2526	rBV2	58171	126522	12.27%	1.048%
62	17.192	2546	2550	2555	rBV	10871	22468	2.18%	0.186%
63	17.462	2590	2596	2610	rVB	43723	107982	10.47%	0.894%

Sum of corrected areas: 12077254

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Instrument :
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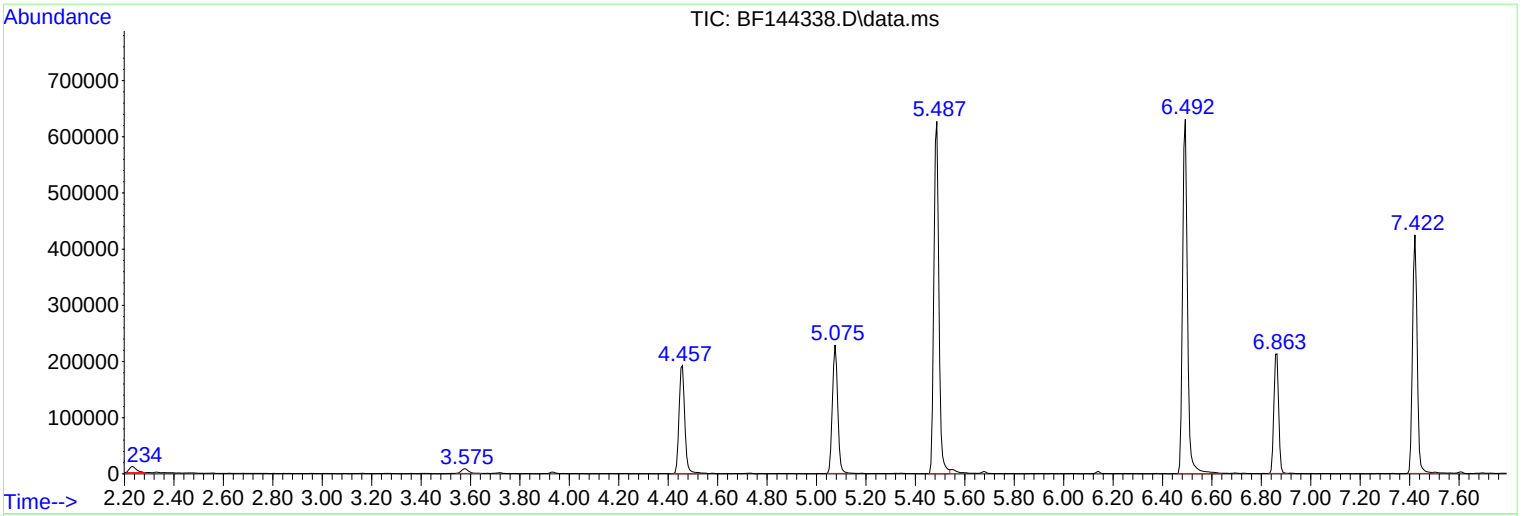
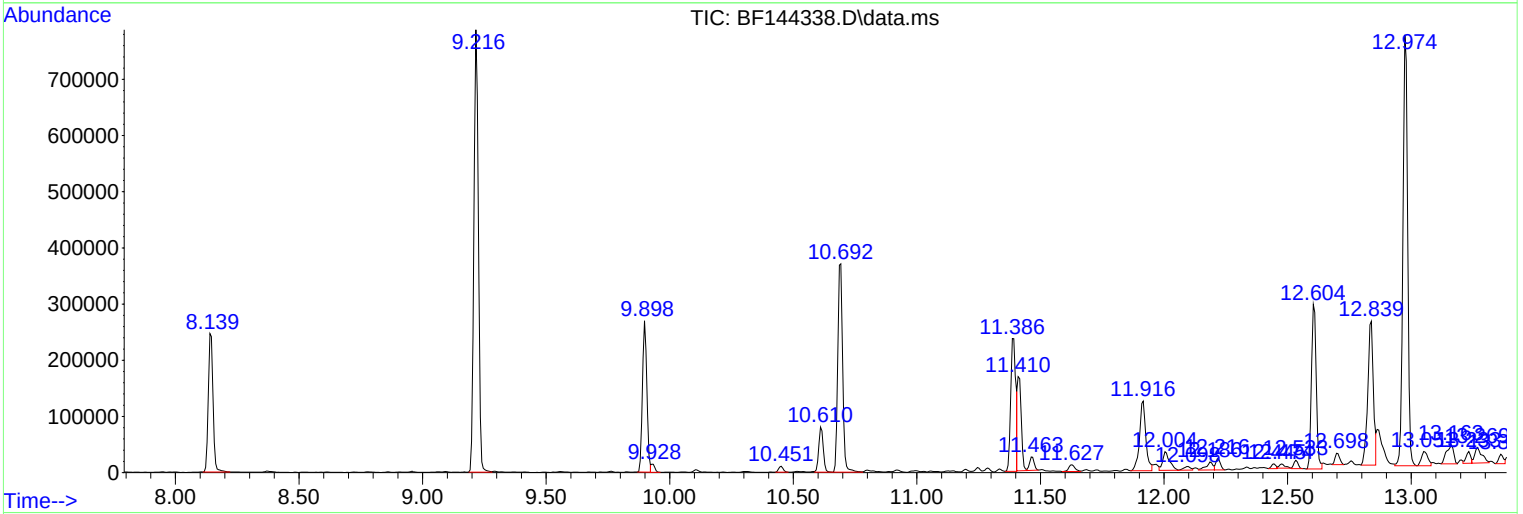
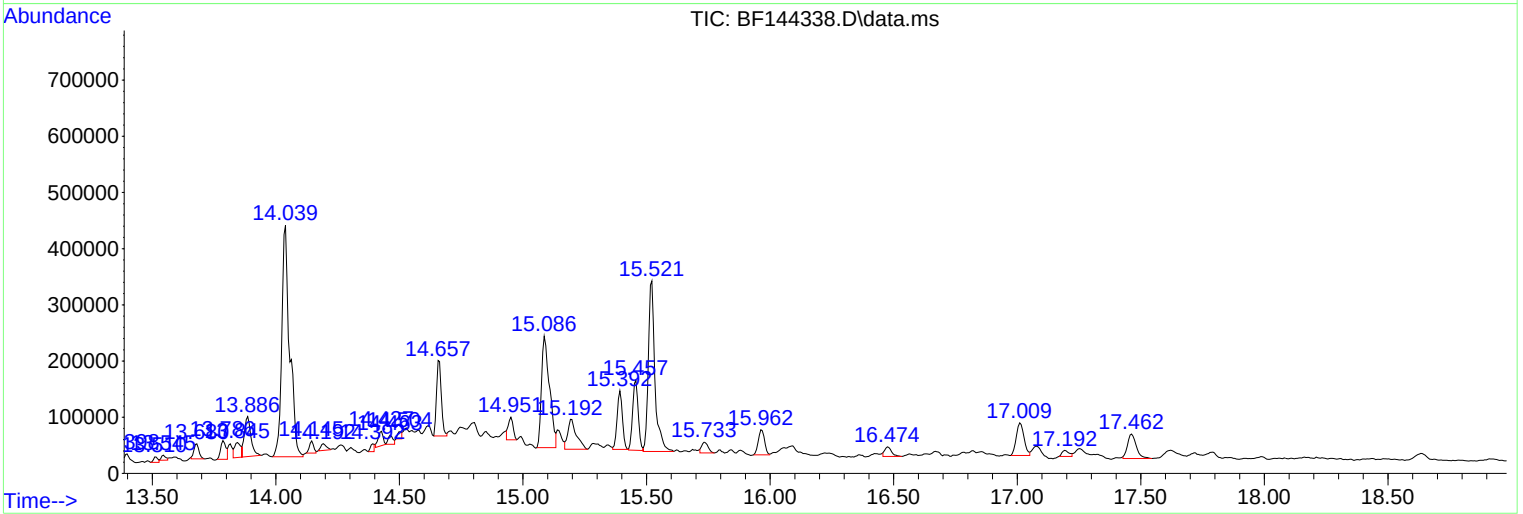
VNJ-222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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







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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

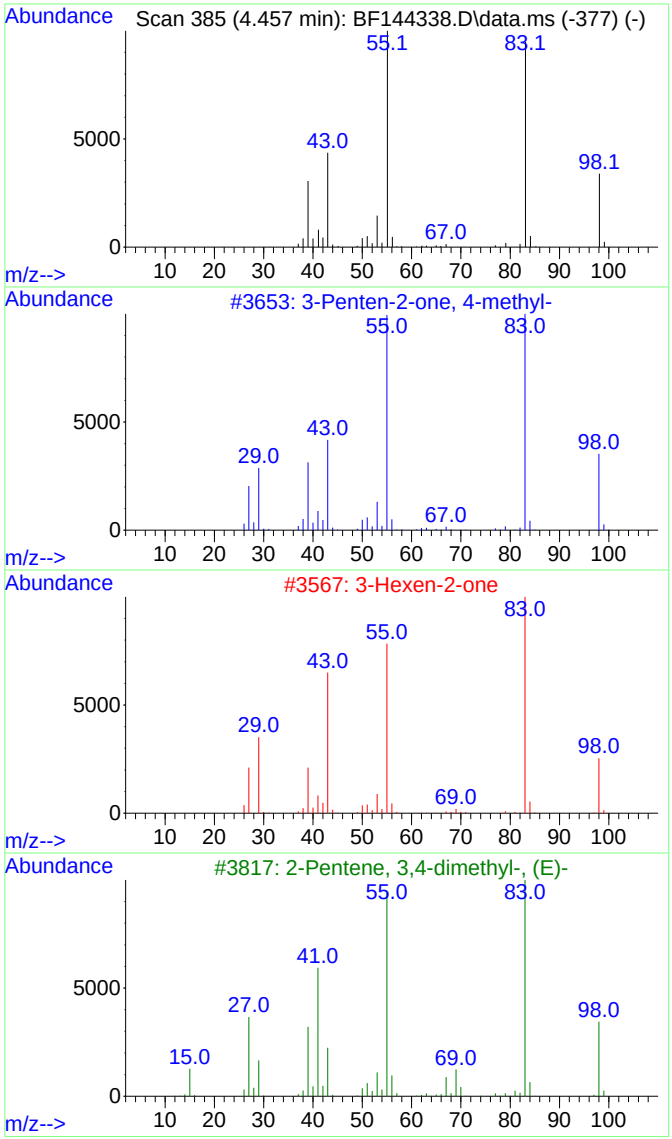
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

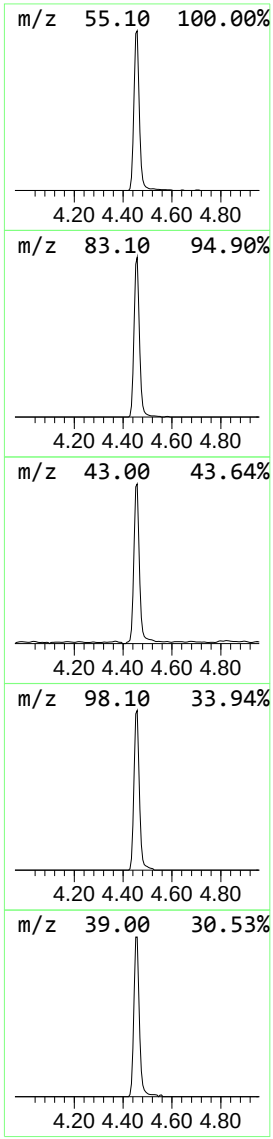
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.457	21.69 ng	303328	1,4-Dichlorobenzene-d4	6.863

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
5	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86





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Data File : BF144338.D
Acq On : 24 Nov 2025 22:14
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Sample : Q3711-01
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Instrument :
BNA_F
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VNJ-222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

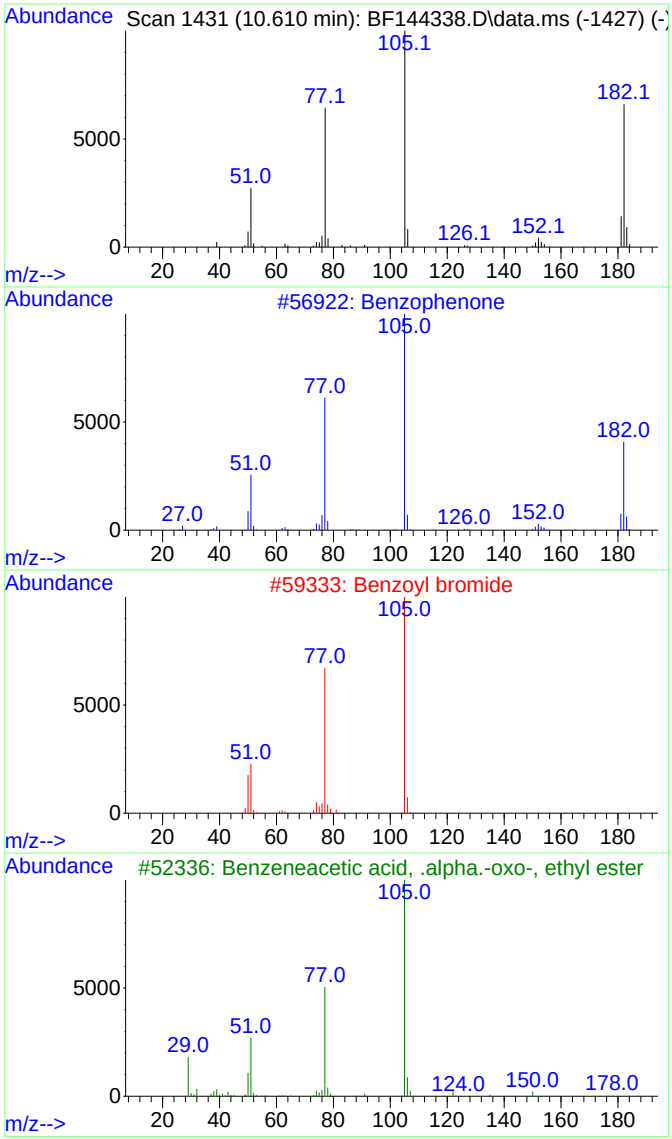
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

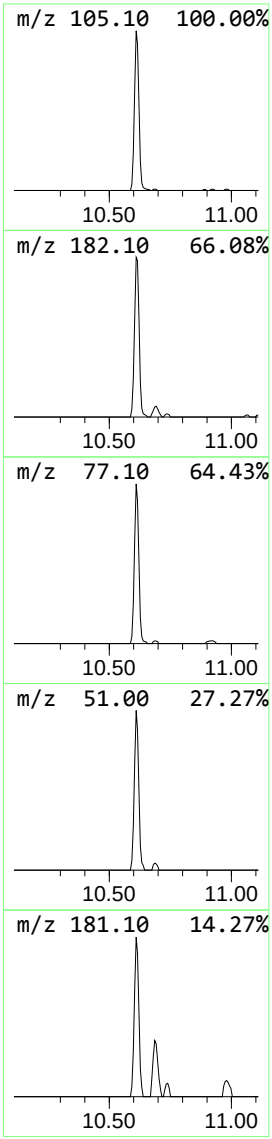
****

Peak Number 3 Benzophenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.610	6.12 ng	102161	Acenaphthene-d10	9.898

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzoyl bromide	184	C7H5BrO	000618-32-6	43
3	Benzeneacetic acid, .alpha.-oxo-...	178	C10H10O3	001603-79-8	43
4	Benzoic acid, phenyl ester	198	C13H10O2	000093-99-2	43
5	Disulfide, dibenzoyl	274	C14H10O2S2	000644-32-6	43





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Misc :
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Instrument :
BNA_F
ClientSampleId :
VNJ-222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

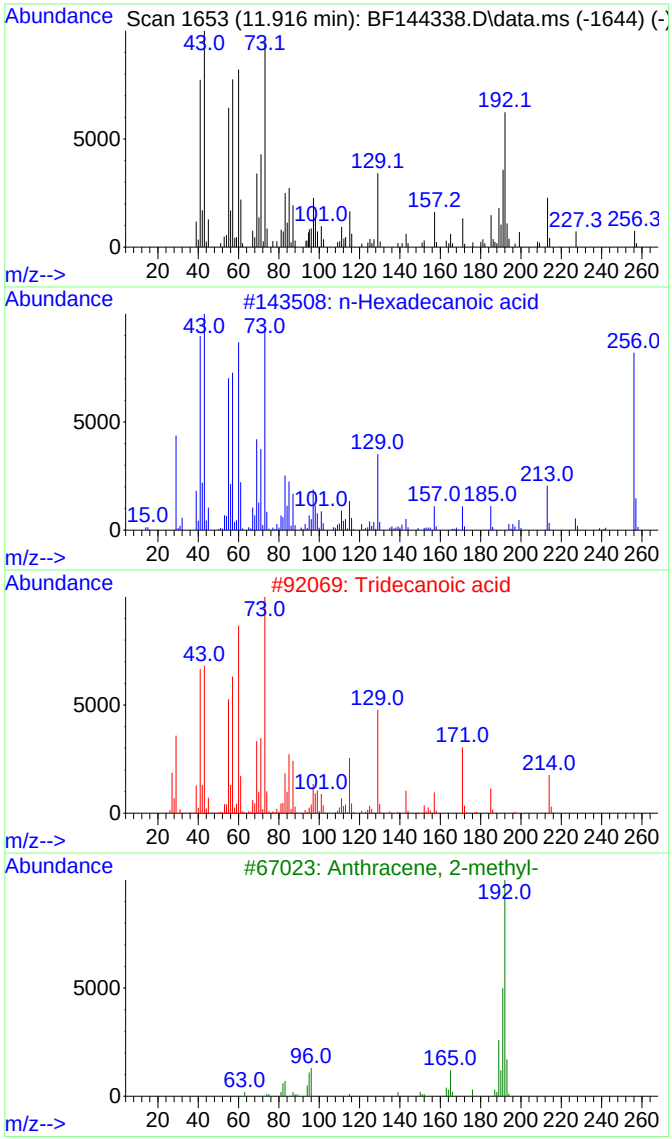
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

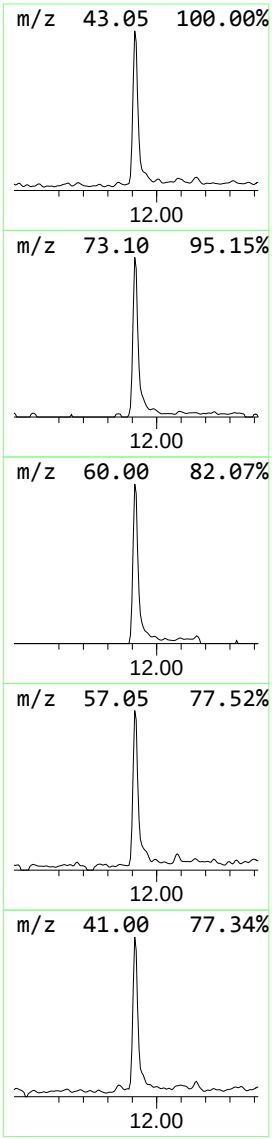
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.916	12.55 ng	220849	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	59
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	53
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	53





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TIC Library : C:\Database\NIST20.L
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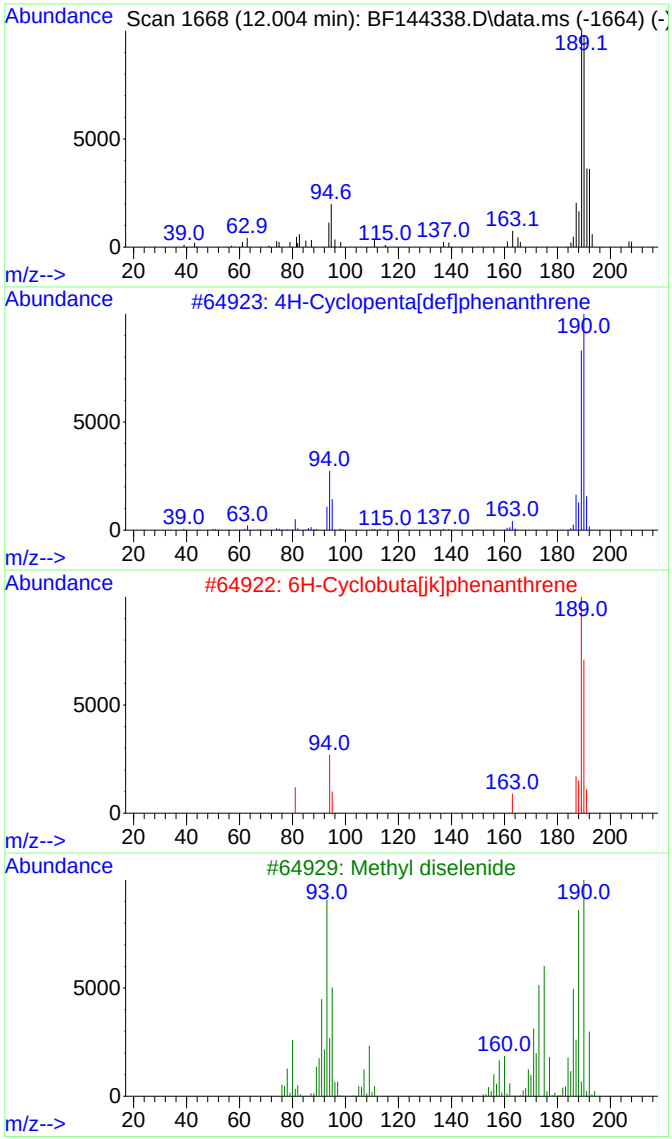
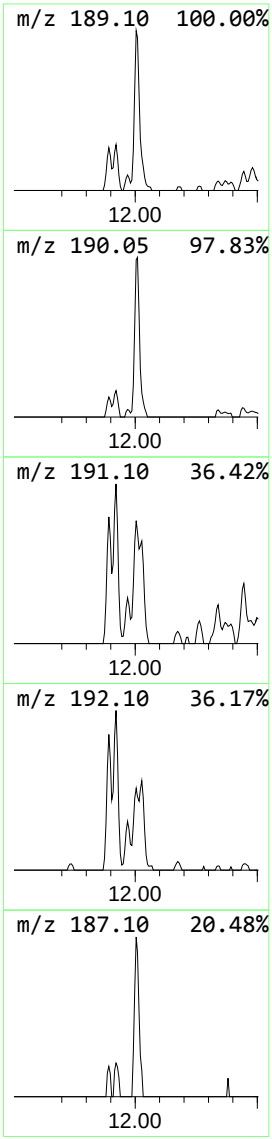
****
Peak Number 5 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.004	3.65 ng	64168	Phenanthrene-d10	11.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Methyl diselenide	190	C2H6Se2	007101-31-7	53
4	1-Aminocyclopentanecarboxylic ac...	445	C24H44ClNO4	1000329-17-5	12
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	9





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

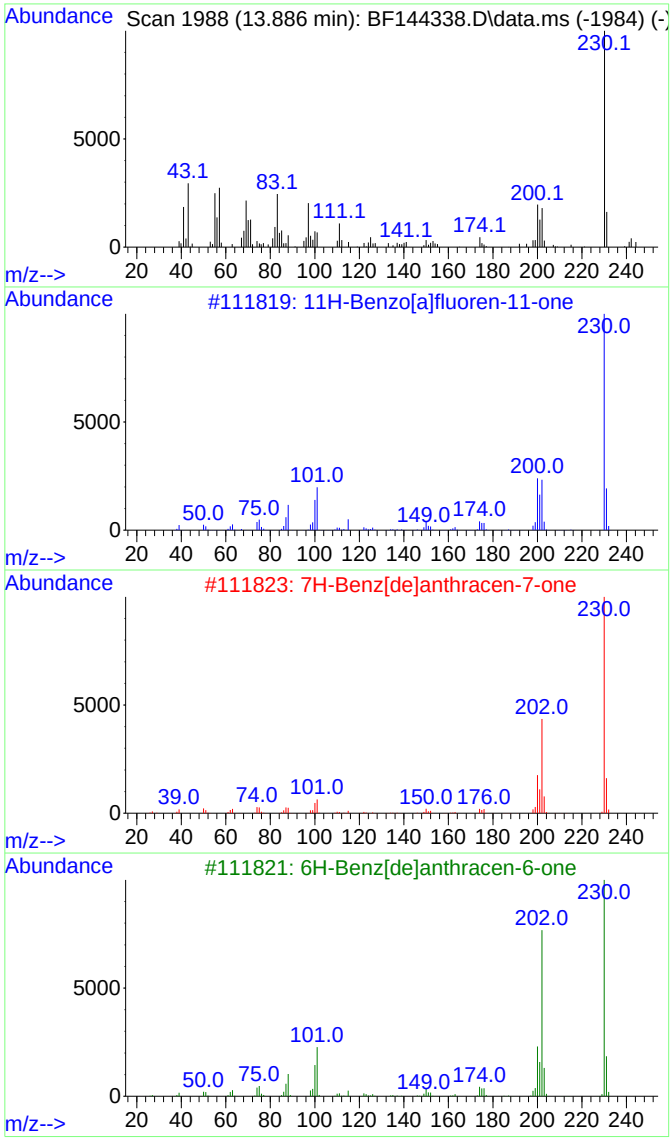
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

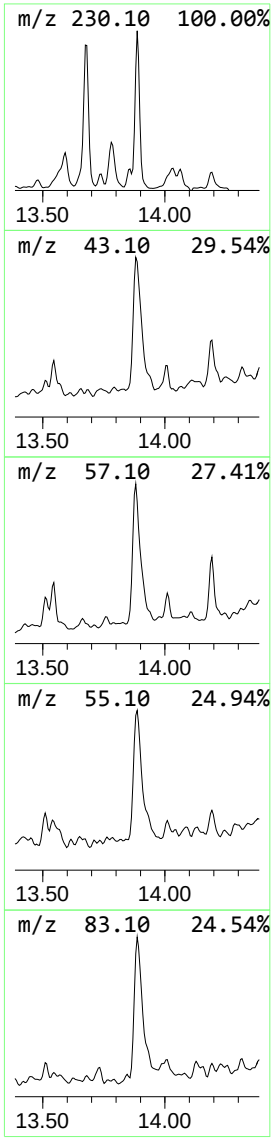
****

Peak Number 6 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.886	2.81 ng	127951	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	86
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	60
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	49
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	47
5	o-Terphenyl	230	C18H14	000084-15-1	38





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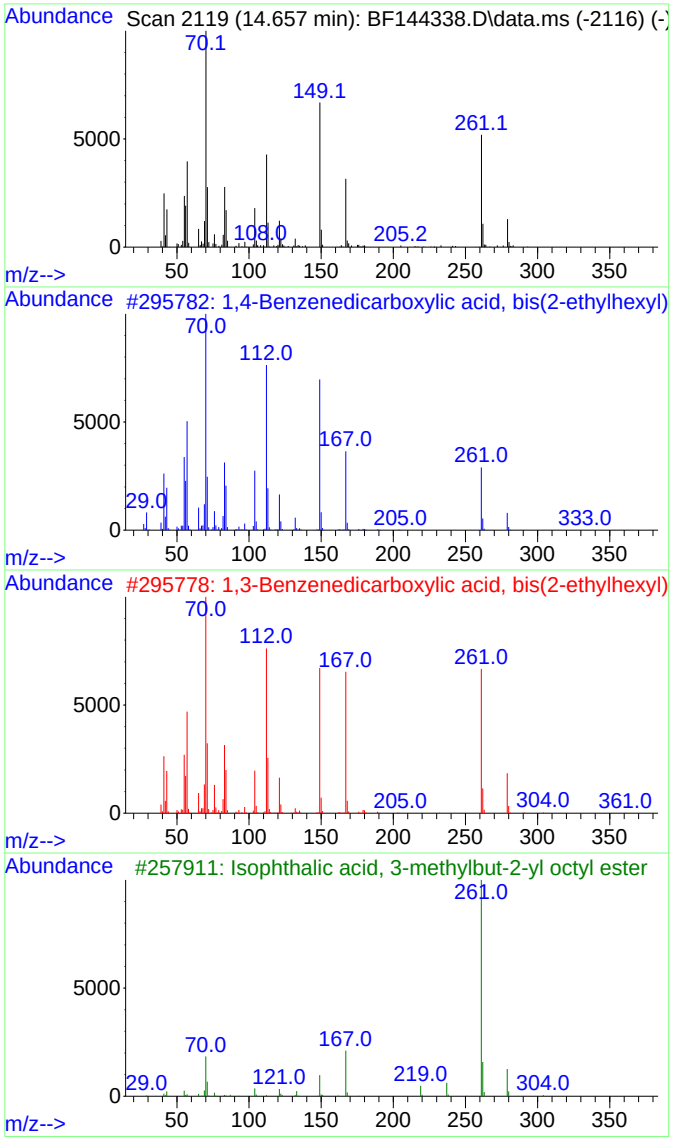
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

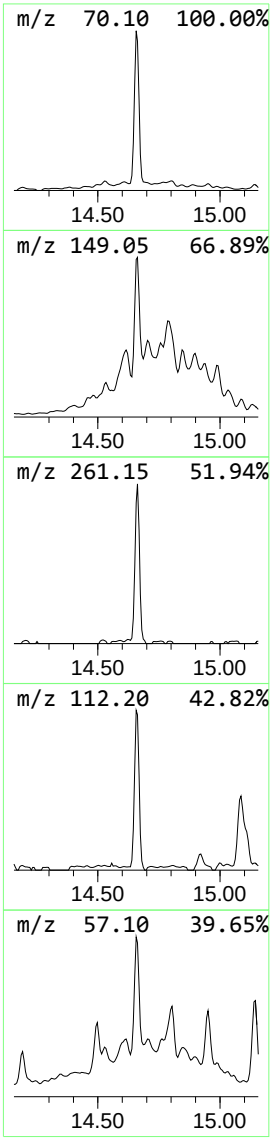
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1,4-Benzenedicarboxylic aci... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.657	3.98 ng	181310	Chrysene-d12	14.039

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	87
2	1,3-Benzenedicarboxylic acid, bi...	390	C24H38O4	000137-89-3	58
3	Isophthalic acid, 3-methylbut-2-...	348	C21H32O4	1000344-72-4	53
4	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	49
5	Terephthalic acid, di(4-octyl) e...	390	C24H38O4	1000323-74-2	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
Data File : BF144338.D
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Operator : RC/JU
Sample : Q3711-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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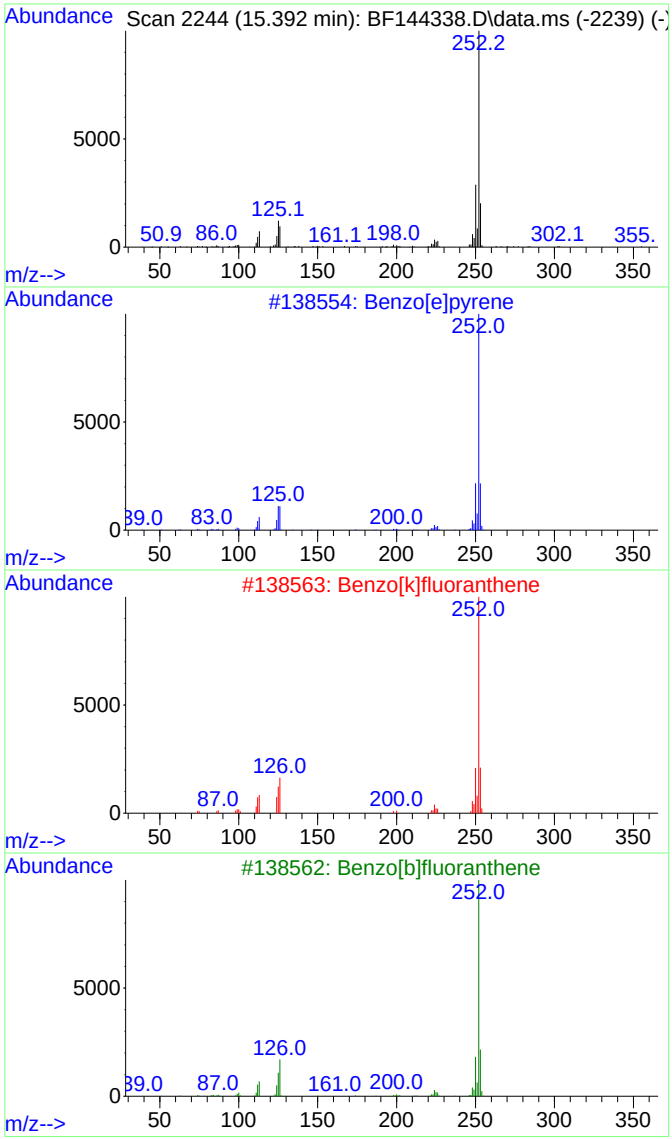
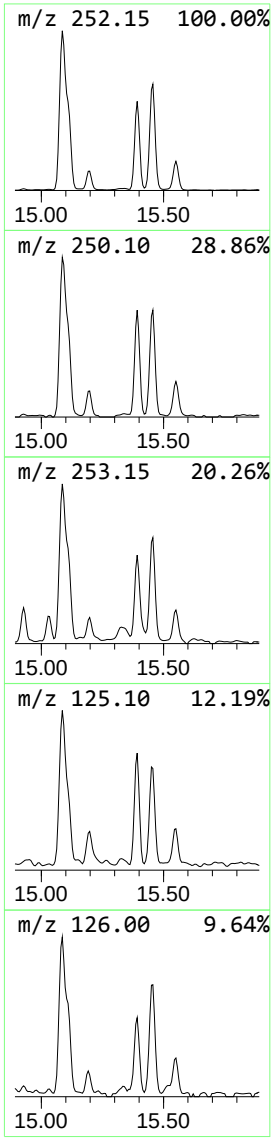
Peak Number 9 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.392	5.50 ng	155276	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	91
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
Data File : BF144338.D
Acq On : 24 Nov 2025 22:14
Operator : RC/JU
Sample : Q3711-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

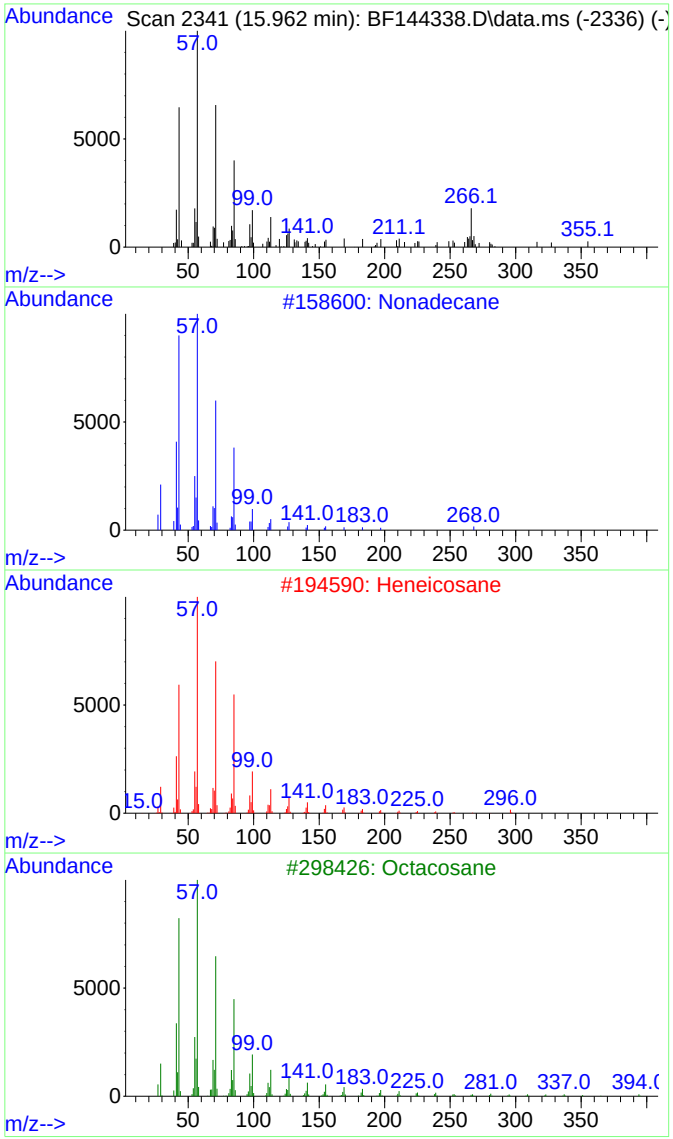
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

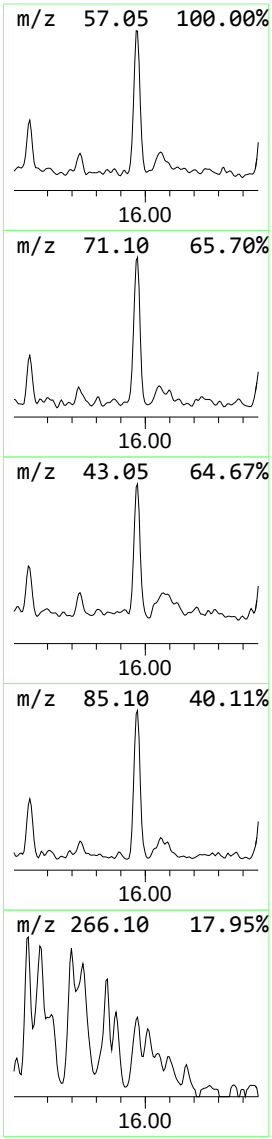
****

Peak Number 10 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.963	2.74 ng	77250	Perylene-d12	15.521

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	95
2	Heneicosane	296	C21H44	000629-94-7	76
3	Octacosane	394	C28H58	000630-02-4	68
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	68
5	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	68





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
Data File : BF144338.D
Acq On : 24 Nov 2025 22:14
Operator : RC/JU
Sample : Q3711-01
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-222

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.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
3-Penten-2-one,...	4.457	21.7	ng	303328	1	6.863	279704	20.0
Benzophenone	10.610	6.1	ng	102161	3	9.898	333677	20.0
n-Hexadecanoic ...	11.916	12.6	ng	220849	4	11.386	352052	20.0
4H-Cyclopenta[d...	12.004	3.6	ng	64168	4	11.386	352052	20.0
11H-Benzo[a]flu...	13.886	2.8	ng	127951	5	14.039	911928	20.0
1,4-Benzenedica...	14.657	4.0	ng	181310	5	14.039	911928	20.0
Benzo[e]pyrene	15.392	5.5	ng	155276	6	15.521	564739	20.0
Nonadecane	15.963	2.7	ng	77250	6	15.521	564739	20.0